Print

7/17/2018

Supplier	TW Metals	TW Metaís	T.W Metals	TW Metals	TW Metals
Total	\$279.98	\$361.06	\$240.00	\$369.47	\$316.85
Past					
Aging	u u	w.	v v	ν.	v)
Price/Unit	\$ 2.80 / ft	\$ 2.58 / ft	\$ 6.00 / #	\$3.08/#	\$ 2.64 / ft
Receive	7/12/2018	7/12/2018	7/12/2018	7/12/2018	7/12/2018 \$
Status	Stock	Stock	Stock	Stock 7	Stock 71
Container	S092699	8092700	8092701	\$092702	S092703
Accounting Job No					
Received	100	140	40	120	120
Due	100 7/17/2018				
Order	1001	140	40	120	
Equipment Order ID Qty					
Part Project					
Description P	304 Round Tube .500 X. 049W : MATERIAL: AISI 304/316 SS SEAMLESS ROUND TUBING AS PER ASTM A213 OR ASME SA213 OR ASTM A269 receive ft	304 Round Tube .750 X. 049W : MATERIAL: AISI 304/316 SS SEAMLESS ROUND TUBING AS PER ASTM A213 OR ASTM A269 FECEIVE (f.	4130 Round Tube .750 X.049W : MATERIAL: ASIS 4130N STEEL TUBING AS PER MIL- T-6736 OR AMS 6371/6360/6361/6362 6373/6374 receive ft	Aluminum Tube .3125 X.058W; MATERIAL: 6061- 16762/T6510/T6511 SEAMLESS TUBING AS PER WW-1-700/8 OR QC-4-200/8 OR QC-4-225/8 OR AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR ASTM B241 receive ft	6061-T6 Round Tube 375 x.058W: MATERIAL: 6061- T6/T6Z/T6S10/T6S11 SEAMLESS TUBING AS PER WW-T-700/8 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR ASTM B241 receive ft
Purchased Item	M304TR0.500W.049	M304TR0.750W.049	M4130NT0.750W.049	M6061T6T0.3125W.058 Aluminum Tube .3125 X.058W : MATERIAL: 6061. T6762T6510T6511 SEAMLESS TUBING AS PER WW-T-700/8 OR QQ-A-220/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 40 82 OR AMS 4083 OR ASTM B210 OR ASTM B241 receive ft	M606176T0.375W.058
Terms	Net 30	_		2	Σ
No No		2			
No			m	4	Ω
Supplier Item No Terms No No	VU VU				
PO No	P0040406 TVVM001-			1	

Supplier	Metals) TW	TW Metals	TW Metals	
Total	\$142.93	\$352.80	\$64.27	\$110.40 TW	
Past Due					
Aging Past Days Due	w.	v)	v	ro.	
Price/Unit	5 3.00 / R	\$ 9.80 / ft	\$ 5.36 / ft	\$ 9.20 / ft	
Receive Date	7/12/2018	7/12/2018	7/12/2018	7/12/2018	
Status	Stock	Stock 7	Stock 71	Stock 7/1	
ontainer	S092704	S092705	S092706	S092707 St	
Received Accounting Container Quantity Job No No	0	ĬŎ.	05	S	
Received A	8	9	12	12	
Due Date					
Order	48	99	12		
Equipment Order ID Qty			1		
Part Project B					
	6061-T6 Round Tube 7.50 x.058W: MATERIAL: 6061- 16/762/T6510/T6511 SEAMLESS TUBING AS PER WW-1-700/8 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR ASTM B210 OR ASTM	6061T6 Sq Tube 1.00 X 1.00 X 0.065W Rounded Corners: MATERIAL: 6061-T6 OR 6061- T651/T6510/T6511/T62 SQUARE TUBING AS PER AMS-QQ-A-225/8 OR PAMS A117412814115/4116 OR PER AMS-QQ-A- 200/8 OR AMS 4160	6061-16 Round Tube 11" X.035" Wall: MATERIAL: 6061- T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-1-700/8 OR QQ-A-220/8 OR QQ-A-226/8 OR AMS 4080 OR AMS 4083 OR ASTM B210 OR ASTM B210 OR ASTM	6061-16 Round Tube 750 X .125W: MATERIAL: 6061- 16.752.7651076511 SEAMLESS TUBING AS PER VWW-1-700/8 OR QQ-A-225/8 OR AMS QQ-A-225/8 OR AMS QQ-A-225/8 OR AMS AQG-A-225/8 OR AMS AGB OR AMS ASTM B210 OR ASTM B241 receive ft	
		M6061T6TS1.000W.065 8	M6061T6T1.000W.035 66	M6061T6T0.750W.125 66	
Terms			2	≥	
No Re	œ	N			
No No			ω	O)	
Supplier Item No					
PO No					
-					

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7/17/2018

https://www.plexonline.com/1C2AD72E-4217-47EE-95B3-5763F38229A1/Plexus_Control/Report_Viewer_2.asp?Opener_Session_Key={1C2AD72E-4217-47EE-95B3-5763F38229A1}&Session_Key={1... 3/3

PO No Supplier leting No Moof Terrased Item No Supplier leting No Supplier leting No Supplier leting No Supplier leting No Supplier No No No Supplier No	T		_	-		_	_	_	T	41	0)
Description For Project Project Equipment Order ID Date Otto Otto Otto Otto Otto Otto Otto Ot								Metals	W.	Name	Supplie
Description For No. 1D at Project Equipment Order For Project Equipment Order Date Quantity Date Quantity Accounting Date Quantity Accounting Date Quantity Accounting No. 1D	60 54 4 5F								\$75.60		Total
Description For Project Equipment Order Date ID Received Accounting Ordantity Container Status 25 X.065W : ATERIAL: 6064- ATERIAL: 606	-			-			_			and	Past
Description For Project Project Equipment Order ID Due Outs ID Received Accounting On Accounting ID Container Status 25 X.065W : ATERIAL: 6061- ATE	T			_					D.	Days	Aging
Description Part Project Equipment Order Due ID Received Accounting Ontainer Status Container Status 25 X.065W : ATERIAL: 6061- ATER									\$ 3.15/1		Price/Unit
Description Part Project Equipment Order Due ID Received Accounting Ontainer Status Container Status 25 X.065W : ATERIAL: 6061- ATER									7/12/2018		Receive
Description Part Project Equipment Order ID Due ID Received Accounting Container ID Counting ID Container ID Counting ID Container ID									Stock		Status
Description Part Project Equipment Order Due of Up 10 At Project At Date Date 10 At Date At Date 10 At Date At Date 25 x.065W : ATERIAL: 6061- ATERIAL: 6061- ATERIAL: 8061- ATERIAL: 80601- ATERIAL: 80601- ATERIAL: 80601- ATERIAL: 80601- ATERIAL: 8061- AMM AND 4082 OR AMS 40 82 AMS 4083 OR AMM BATIO OR ASTM ATERIAL: 8061-											Container No
Description Part Project Equipment Order Due lib 961-T6 Round Tube 24 24 25 X.085W : 24 24 ATERIAL: 6061- 24 24 ATERIAL: 6061- 24 24 ATERIAL: 8061- 24 24 ANG-276510/T6511 24 24 EAMLESS TUBING 25 24 S PER WWW-1-700/8 35 24 R Q-A-220/8 OR AMS 30 30 CA-A-25/8 OR AMS 30 30 STM B210 OR ASTM 31 34 44 receive ft 34 34											Accounting Job No
Description Part Project Equipment Order Due of Up 10 At Project At Date Date 10 At Date At Date 10 At Date At Date 25 x.065W : ATERIAL: 6061- ATERIAL: 6061- ATERIAL: 8061- ATERIAL: 80601- ATERIAL: 80601- ATERIAL: 80601- ATERIAL: 80601- ATERIAL: 8061- AMM AND 4082 OR AMS 40 82 AMS 4083 OR AMM BATIO OR ASTM ATERIAL: 8061-	652								24	***	Received
Description 161-T6 Round Tube 25 X.065W: ATERIAL: 6061- ATT6Z/T6510/T6511 EAMLESS TUBING S PER WW-T-700/8 R GQ-A-220/8 OR AMS 80 OR AMS 40 82 R AMS 4083 OR STM 8210 OR ASTM 941 receive ft											
Description 161-T6 Round Tube 25 X.065W: ATERIAL: 6061- ATERIAL: 6061- ATERIAL: 5061- ATERIAL: 5061- ATERIAL: 6061- ATERIAL:	652			-					47	24	Order
Description 161-T6 Round Tube 25 X.065W: ATERIAL: 6061- ATT6Z/T6510/T6511 EAMLESS TUBING S PER WW-T-700/8 R GQ-A-220/8 OR AMS 80 OR AMS 40 82 R AMS 4083 OR STM 8210 OR ASTM 941 receive ft	Total:										Equipment
Description 161-T6 Round Tube 25 X.065W: ATERIAL: 6061- ATERIAL: 6061- ATERIAL: 5061- ATERIAL: 5061- ATERIAL: 6061- ATERIAL:				_							roject
Description 161-T6 Round Tube 25 X.065W: ATERIAL: 6061- ATERIAL: 6061- ATERIAL: 5061- ATERIAL: 5061- ATERIAL: 6061- ATERIAL:				_	_						Part
No Terms Purchased Item M606176T0.625W.055		B241 receive ft	000000000000000000000000000000000000000	20 000 A 00 00	AS PER WW-T-700/8	SEAMLESS TUBING	T6/T62/T6510/T6511	MATERIAL: 6061-	.625 X.065W:	6061-T6 Round Tube	Description
No Terms										M6061T6T0.625W.055	Purchased Item
N N O				_	_					-	Terms
. 0				_	_					0	o _N
Supplier Item No 10				_			_			1	Supplier Iten
O NO											PO No

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7/17/2018

Plex 7/17/2018 11:25 AM dart. Tollis. Andrew

\$2,314.35





ORDER NO.: 60660313 FROM: CRAN PAGE 1

CUST NUMBER: 1203820 NET WGT: 107.903 REQ.DATE: 07/17/18 CONFIRMED

SOLD TO:

DART AEROSPACE LTD 1270 ABERDEEN ST

SHIP TO:

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKSBURY ON

HAWKESBURY ON CN K6A 1K7

ONTARIO CANADA

CN K6A 1K7

SALESPERSON: DONNA SMALLEY SHIP BY: 07/10/18
TERMS: NET 30 DAYS VIA: COMMON CARRIER
F.O.B.: SHIPPING POINT FREIGHT: PREPAID
CUST ORD NO.: PO040406 RELEASE NO.:

WIDTH LENGTH

LINE ITEM DESCRIPTION
0001 36506 SMIC CT 0001 36506 SMLS CD 304/L A269 1/2 OD X .049 WA

20' ML

CLN# ORD QTY INVOICE QTY SHIPPED QTY WT 100.000 FT 100.000 FT 23.592

PCS

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00 PO:49380769 HT:N171009AS12) PC: 5 CUSTOMER QTY: UOM MLT:CHINA MFG:CHINA SLB/CL:180419769-10

0002 36860 SMLS CD 304/L A269 3/4 OD X .049 WA 20' CL

CLN# ORD QTY INVOICE QTY SHIPPED QTY WT PCS 140.000 FT 140.000 FT 51.341

** 1 TEST REPORTS REQUIRED ** ** 1 CERTS REQUIRED **

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00 PO:49370267 HT:N170711AS10 PC: 7 CUSTOMER QTY: UOM MLT:CHINA MFG:CHINA SLB/CL:17MTC-101704

0003 33047 CDS 4130 6736 3/4 X .049

17/24 FT

CLN# ORD QTY INVOICE QTY SHIPPED QTY WT PCS 40.000 FT 37.000 FT 37.000 FT 13.569

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: 9A991 d Export License: NLR Expiration Date: 0/00/00 PO:49386235 HT:24211 PC: 2 CUSTOMER QTY: UOM MLT:UNITED STATES MFG:UNITED STATES SLB/CL:162122

http://www.twmetals.com/invoice-terms.html





ORDER NO.: 60660313 FROM: CRAN PAGE 2

CUST NUMBER: 1203820 NET WGT: 107.903 REQ.DATE: 07/17/18 CONFIRMED

DART AEROSPACE LTD

1270 ABERDEEN ST

HAWKESBURY ON

CANADA

SOLD TO:

SHIP TO:

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

CN K6A 1K7

SALESPERSON: DONNA SMALLEY SHIP BY: 07/10/18
TERMS: NET 30 DAYS VIA: COMMON CARRIER
F.O.B.: SHIPPING POINT FREIGHT: PREPAID
CUST ORD NO.: PO040406 RELEASE NO.:

LINE ITEM DESCRIPTION

0004 41722 FGGG

0004 41723 D6061-T6 5/16 OD X .058 WA

WIDTH

LENGTH

12 FT ML

CLN# ORD QTY INVOICE QTY SHIPPED QTY WT 120.000 FT 120.000 FT 6.552

WT

PCS

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00 PO:49380591 HT:2927553 PC: 10 CUSTOMER OTY: UOM MLT:UNITED STATES MFG:UNITED STATES SLB/CL:475790

12 FT ML

WT PCS

CLN# ORD QTY INVOICE QTY SHIPPED QTY WT 120.000 FT 120.000 FT 120.000 FT 8.136

** 1 TEST REPORTS REQUIRED ** ** 1 CERTS REQUIRED **

ECCN: EAR99

FXPORT License: NLR

PO: 49389319 HT: F002702540001 PC: 10

MLT: MFG: UNITED STATES

Expiration Date: 0/00/00

CUSTOMER OTY: UOM

SLB/CL: 226113

0005 41952 D6061-T6 3/8 OD X .058 WA

0006 43160 D6061-T6 1 OD X .035 WA

12 FT MI.

CLN# ORD QTY 12.000 FT

INVOICE QTY SHIPPED QTY WT 12.000 FT 12.000 FT 1.499

WT PCS

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00 PO:49383924 HT:F00263075000 PC: 1 CUSTOMER QTY: UOM MLT:UNITED STATES MFG:UNITED STATES SLB/CL:225274





ORDER NO.: 60660313 FROM: CRAN

PAGE 3

CUST NUMBER: 1203820 NET WGT:

SOLD TO:

107.903 REQ.DATE: 07/17/18 CONFIRMED

SHIP TO:

DART AEROSPACE LTD

1270 ABERDEEN ST

HAWKESBURY ON

CANADA

CLN#

CN K6A 1K7

DART AEROSPACE LTD

1270 ABERDEEN ST

HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

F.O.B.:

SALESPERSON: DONNA SMALLEY TERMS: NET 30 DAYS

F.O.B.: SHIPPING POINT CUST ORD NO.: PO040406

SHIP BY: 07/10/18 PREPAID

VIA: FREIGHT:

COMMON CARRIER

RELEASE NO.:

RECEIVING PHONE:

LINE ITEM DESCRIPTION

WIDTH

LENGTH

12 FT ML

0007 42558 D6061-T6 5/8 OD X .065 WA

INVOICE QTY SHIPPED QTY 24.000 FT 24.000 FT 24.000 FT

WT

PCS

** 1 TEST REPORTS REQUIRED **

ORD QTY

24.000 FT

** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00 PO:49386278 HT:F002660490001 PC: 2 CUSTOMER QTY: UOM MLT:UNITED STATES MFG:UNITED STATES SLB/CL:225635

BROKERS KUEHNE AND NAGEL LTD

----- PACK INFO -----AREA TYPE OF PKG

NEW PEN REDDICRATE Orders In Package - 1

PKGS GRS WEIGHT WIDTH LENGTH HGHT 1.000 167.903 4.0000 246.0000 5

Box No - TWPK18024228 CUBIC FT 2.8472

-----1.000 167.903

BY: Tom Weaver RT 000-

1

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED

THANK YOU FOR THIS ORDER PRODUCT REVIEW.

DATE FILLED

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE PRODUCTS ARE SET FORTH ON OUR WEBSITE FOR YOUR CAREFUL

http://www.twmetals.com/invoice-terms.html





ORDER NO.: 60660313

FROM: CRAN

07/10/18

NJ 08831

PAGE

CUST NUMBER: 1203820 NET WGT:

MSDS data to your location."

SOLD TO:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON

CANADA

CN K6A 1K7

107.903 REQ.DATE: 07/17/18 CONFIRMED SHIP TO:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKSBURY ON ONTARIO CANADA

27 ENGLEHARD DRIVE

MONROE TWP

CN K6A 1K7

SALESPERSON:

TERMS:

F.O.B.:

CUST ORD NO .: VIA:

FREIGHT:

RELEASE NO.:

RECEIVING PHONE:

DONNA SMALLEY SHIP BY:

NET 30 DAYS SHIPPING POINT

PO040406 COMMON CARRIER

PREPAID

"TW Metals MSDS data is available on our web site at www.twmetals.com. MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Electronically Generated Certificate-Valid without signature Date: 7/09/18

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.





ORDER NO.: 80944829 FROM: CHIC PAGE 1

CUST NUMBER: 1203820 NET WGT: 20.393 REQ.DATE: 07/17/18 CONFIRMED

SHIP TO:

SOLD TO:

DART AEROSPACE LTD 1270 ABERDEEN ST

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKESBURY ON CANADA

HAWKSBURY ON

CN K6A 1K7 ONTARIO CANADA

CN K6A 1K7

SALESPERSON: DONNA SMALLEY

TERMS: F.O.B.:

NET 30 DAYS

SHIP BY: 07/10/18
VIA: COMMON CARRIER
FREIGHT: PREPAID
RELEASE NO.:

SHIPPING POINT CUST ORD NO.: P0040406

LINE ITEM DESCRIPTION RECEIVING PHONE:

WIDTH

LENGTH

0001 42807 D6061-T6 3/4 OD X .058 WA

12 FT ML

CLN# ORD QTY INVOICE QTY SHIPPED QTY WT 48.000 FT 48.000 FT 7.102

PCS 4

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00 PO:49388916 HT F002698350001 MPC: 4 CUSTOMER QTY: UOM MLT:UNITED STATES MFG:UNITED STATES SLB/CL:226020

0002 45936 D6061-T6 SQ-RC R.156 1 SQ X .065 WA 12 FT ML

CLN# ORD QTY INVOICE QTY SHIPPED QTY WT 36.000 FT 36.000 FT 9.828

PCS 3

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00 PO:49386800 HT:25391932 PC: 3 CUSTOMER QTY: UOM MLT:UNITED STATES MFG:UNITED STATES SLB/CL:1000873303

0003 42891 D6061-T6 3/4 OD X .125 WA

12 FT ML

CLN# ORD QTY INVOICE QTY SHIPPED QTY WT 12.000 FT 12.000 FT 3.463

PCS

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00 PO:49387366 HT F002672230002 PC: 1 CUSTOMER QTY: UOM MLT:UNITED STATES MFG:UNITED STATES SLB/CL:225794





ORDER NO.: 80944829 FROM: CHIC

CUST NUMBER: 1203820 NET WGT:

SOLD TO:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON

CANADA

CN K6A 1K7

SALESPERSON: DONNA SMALLEY TERMS: F.O.B.:

NET 30 DAYS CUST ORD NO.: PO040406

LINE ITEM DESCRIPTION

SHIPPING POINT

BROKERS KUEHNE AND NAGEL LTD

20.393 REQ.DATE: 07/17/18 CONFIRMED

SHIP TO:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKSBURY ON ONTARIO CANADA

CN K6A 1K7

SHIP BY: 07/10/18

VIA: COMMON CARRIER

FREIGHT: PREPAID

RELEASE NO.:

RECEIVING PHONE:

WIDTH LENGTH

----- PACK INFO -----

AREA TYPE OF PKG YRC REDDICRATE

1.000

PKGS GRS WEIGHT WIDTH LENGTH HGHT 45.000

4.0000 150.0000 4 CUBIC FT 1.3889

______ 1.000 45.000

BY: CL RT 000-

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED

DATE FILLED

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE THANK YOU FOR THIS ORDER PRODUCTS ARE SET FORTH ON OUR WEBSITE FOR YOUR CAREFUL REVIEW.

http://www.twmetals.com/invoice-terms.html





ORDER NO.: 80944829

FROM: CHIC

PAGE

CUST NUMBER: 1203820 NET WGT:

SOLD TO:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON

CANADA

TERMS:

F.O.B.:

CN K6A 1K7

DONNA SMALLEY

NET 30 DAYS

SHIPPING POINT

CUST ORD NO .: PO040406

VIA: COMMON CARRIER PREPAID

RELEASE NO.: RECEIVING PHONE:

SALESPERSON:

FREIGHT:

20.393 REQ.DATE: 07/17/18 CONFIRMED

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

SHIP BY:

235 TUBEWAY

CAROL STREAM

IL 60188

07/10/18

"TW Metals MSDS data is available on our web site at www.twmetals.com. MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Authorized Test Report Clerk

Date: 7/10/18

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.



Dart Aerospace Ltd. 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada

PURCHASE ORDER PO040406

Tel (613) 632-5200

Supplier:

TWM001-VU

TW Metals

PO Box 933014

Altanta, GA 31193-3014 USA

Phone: 585 768 5600

Fax: 585 768 5601

PO No:

PO040406

PO Date: Due Date: 7/5/18

Purchase Order

7/17/18

Revision:

Revision Date:

Ship-To Contact:

Lavoie, ChantalPhone:

clavoie@dartaero.com

Ship To:

1270 Aberdeen Street

Hawkesbury

ON

K6A 1K7 Canada

Phone: 613-632-5200

Via:

Ground

Pymt Terms:

Net 30

Freight Terms:

Special Comments:

			lt	ems						
Line Item Job	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity		Unit Price (USD)	Extended Price
1 AT	M304TR0.500W.049		304 Round Tube .500 X .049W : MATERIAL: AISI 304/316 SS SEAMLESS ROUND TUBING AS PER ASTM A213 OR ASME SA213 OR ASTM A269 receive ft	Primary existence prooffs delices	7/17/18	100 ft			\$2.7998/ft	
2	M304TR0.750W.049		304 Round Tube .750 K .049W MATERIAL: AISI 304/316 SS SEAMLESS ROUND FUBING AS PER ASTM A213 OR ASME 5A213 OR ASTM A269 eceive ft		7/17/18	140 ft	on 14oft	140 ft	\$2.579/ft	\$361.06
3	M4130NT0.750W.049	: : : : : : : : :	130 Round Tube .750 (.049W MATERIAL: AISI 130N STEEL TUBING S PER MIL-T-6736 DR AMS 3371/6360/6361/6362 3373/6374 eccive ft	Firmed	7/17/18	40 ft	Yoff	40 ft	\$6.00/ft	\$240.00

ine tem Jot	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
4	M6061T6T0.3125W.058		Aluminum Tube .3125 X .058W : MATERIAL: 6061- T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/8 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 40 82 OR AMS 4083 OR ASTM B210 OR ASTM B241 receive ft		7/17/18	120 ft	0 ft (20ft	120 ft	\$3.0789/ft	\$369.47
5/	M6061T6T0.375W.058	; ; ; ; ; ; ; ;	6061-T6 Round Tube .375 X.058W : MATERIAL: 6061- T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/8 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 40 82 OR AMS 4083 OR ASTM B210 OR ASTM 3241 receive ft	Firmed	7/17/18	120 ft	120H	120 ft	\$2.6404/ft	\$316.85
6/	M6061T6T0.750W.058		6061-T6 Round Tube 750 X.058W MATERIAL: 6061- I6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/8 DR QQ-A-200/8 OR QQ-A-225/8 OR AMS 1080 OR AMS 40 82 DR AMS 4083 OR ASTM B210 OR ASTM 3241 eceive ft	Firmed	7/17/18	48 ft	ME+	48 ft	\$2.9985/ft	\$143.93
	M6061T6TS1.000W.065	X F : C T S P .C 4	061T6 Sq Tube 1.00 (1.00 X 0.065W Rounded Corners MATERIAL: 6061-T6 DR 6061- 651/T6510/T6511/T62 QUARE TUBING AS PER AMS-QQ-A-225/8 DR AMS 117/4128/4115/4116 DR PER AMS-QQ-A-00/8 OR AMS 4160 Deceive ft	Firmed	7/17/18	36 ft	Oft.	36 ft	\$9.80/ft	\$352.80
	M6061T6T1.000W.035	1': T S A O Q 41 O A B:	061-T6 Round Tube " X .035" Wall MATERIAL: 6061- 60/T62/T6510/T6511 EAMLESS TUBING S PER WW-T-700/8 IR QQ-A-200/8 OR Q-A-225/8 OR AMS 080 OR AMS 40 82 IR AMS 4083 OR STM B210 OR ASTM 241	Firmed 7	7/17/18	12 ft	12.F	12 ft	\$5.3559/ft	\$64.27

r			ff	ems						
tem Job	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity		Unit Price (USD)	Extende Price
of all	M6061T6T0.750W.125		6061-T6 Round Tube .750 X .125W : MATERIAL: 6061- T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/8 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 40 82 OR AMS 4083 OR ASTM B210 OR ASTM B241 receive ft	* ***	7/17/18	12 ft	on Jakt	12 ft	\$9.20/ft	\$110.4
10	M6061T6T0.625W.065		6061-T6 Round Tube .625 X.065W : MATERIAL: 6061- T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/8 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 40 82 OR AMS 4083 OR ASTM B210 OR ASTM B241 receive ft	Firmed	7/17/18	24 ft	24H :	24 ft	\$3.1499/ft	\$75.60
								G	rand Total:	\$2,314,35

Order Notes

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 7/5/18 8:18 AM dart.lavoie.chantal



Tel: 609-655-4120

FAX: 6096552603

MONROE TWP NJ 08831

Invoice Date: 7/10/18

Ship Date: 7/09/18

Invoice#: 60660313

Cust. PO#: PO040406 Incoterms: SHIPPING POINT

Frt. Terms: PREPAID

Ship Via: COMMON CARRIER

COMMERCIAL INVOICE

Sold To: DART AEROSPACE LTD

1270 ABERDEEN ST HAWKESBURY ON

CANADA

CN K6A 1K7 C

Contact: CHANTAL

16136321053

Freight Forwarder/Intermediate Ship To:

Ship To/Final Destination:

Payment Terms: NET 30 DAYS

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKSBURY ON

ONTARIO CANADA CN K6A 1K7

DESCRIPTION	QUANTITY	UNIT	SUBTOTAL
SMLS CD 304/L A269 1/2 OD X .049 WA			FT \$ 280.0
STAINLESS STEEL TUBE ROUND	0 IN 5.000 PC		
PART NUMBER:			
ECCN: 2B999.g SCHEDULE B:7304.41.0000 S/S PIPE/TUBE ROUND SMLS W/OD =3"</td <td></td> <td></td> <td></td>			
NET WGT: 23.592 LBS COUNTRY OF MFG: CHINA			
SMLS CD 304/L A269 3/4 OD X .049 WA		\$ 2.5700	FT \$ 359.8
STAINLESS STEEL TUBE ROUND	7.000 PC		
PART NUMBER:			
ECCN: 2B999.g SCHEDULE B:7304.11.0000			
EXPORT LICENSE	NUMBER: NLR		
EXPIRATION	N DATE: 00/00/	00	
TW METALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF MANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LLC.			
THESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND AUTHORIZED FOR EXPORT ONLY TO THE COUNTRY OF ULTIMATE DESTINATION FOR USE BY THE ULTIMATE CONSIGNEE OR END-USER(S) HEREIN IDENTIFIED. THEY MAY NOT BE RESOLD, TRANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER COUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED ULTIMATE CONSIGNEE OR END-USER(S), EITHER IN THEIR ORIGINAL FORM OR AFTER BEING INCORPORATED INTO OTHER ITEMS, WITHOUT FIRST OBTAINING APPROVAL FROM THE U.S.			CONTINUE
	SMLS CD 304/L A269 1/2 OD X .049 WA STAINLESS STEEL TUBE ROUND PART NUMBER: ECCN: 2B999.g SCHEDULE B:7304.41.0000 S/S PIPE/TUBE ROUND SMLS W/OD =3" NET WGT: 23.592 LBS COUNTRY OF MFG: CHINA SMLS CD 304/L A269 3/4 OD X .049 WA STAINLESS STEEL TUBE ROUND PART NUMBER: ECCN: 2B999.g SCHEDULE B:7304.11.0000 EXPORT LICENSE EXPIRATIO TWMETALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF MANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LLC. THESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND AUTHORIZED FOR EXPORT ONLY TO THE COUNTRY OF ULTIMATE DESTINATION FOR USE BY THE ULTIMATE CONSIGNEE OR END-USER(S) HEREIN IDENTIFIED THEY MAY NOT BE RESOLD, TRANSFERRED, OR OTHER THAN THE AUTHORIZED ULTIMATE CONSIGNEE OR END-USER(S), ETHER IN THEIR ORIGINAL FORM OR AFTER BEING INCORPORATED INTO OTHER TEDS</td <td>SMLS CD 304/L A269 1/2 OD X .049 WA STAINLESS STEEL TUBE ROUND PART NUMBER: ECCN: 2B999.g SCHEDULE B:7304.41.0000 S/S PIPE/TUBE ROUND SMLS W/OD <!--=3" NET WGT: 23.592 LBS COUNTRY OF MFG: CHINA SMLS CD 304/L A269 3/4 OD X .049 WA STAINLESS STEEL TUBE ROUND PART NUMBER: ECCN: 2B999.g SCHEDULE B:7304.11.0000 EXPORT LICENSE ECCN: 2B999.g SCHEDULE B:7304.11.0000 EXPORT LICENSE EXPIRATION DATE: 00/00/ TWMETALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF CONTAINED IN THE RECORDS OF TW METALS, LLC. THESE ITEMS ARE CONTROLLED BY THE US GOVERNMENT AND AUTHORIZED FOR EXPORT ONLY TO THE COUNTRY OF USING WE RECORD OF THE METALS COUNTRY OR TO ANY PERSON OF THE WITHOUT FOR THE BY THE WISH OF COUNTRY OF USING WE RECORD OF THE WITHOUT FOR USE BY THE UITHOUT FOR THE BY THE WISH OF COUNTRY OR TO ANY PERSON OF THE SETHANT HE AUTHORIZED COUNTRY OR TO ANY PERSON OF THE SETHANT HE AUTHORIZED UITHOUT FOON SIGNEE OR END-USER'S, BETHER IN THE ROMOTHER COUNTRY OR TO ANY PERSON OF THE REPORT HE HE, SETHANT FOR THE BY COUNTRY OR TO ANY PERSON OF THE SETHANT HE AUTHORIZED UITHOUT FOON SIGNEE OR END-USER'S, BETHER IN THE ROMOTHER THEMS. SOUTH OUT THE STORMANING APPROVAL SETHER IN THEIR ORIGINAL FORM OR AFTER BEING INCORPORATED INTO OTHER ITEMS.</td--><td>DESCRIPTION SMLS CD 304/L A269 1/2 OD X .049 WA STAINLESS STEEL TUBE ROUND PART NUMBER: ECCN: 28999.g SCHEDULE B:7304.41.0000 S/S PIPE/TUBE ROUND SMLS W/OD <!--=3" NET WGT: 23.592 LBS COUNTRY OF MFG: CHINA SMLS CD 304/L A269 3/4 OD X .049 WA STAINLESS STEEL TUBE ROUND STAINLESS STEEL TUBE ROUND FART NUMBER: ECCN: 28999.g SCHEDULE B:7304.11.0000 EXPORT LICENSE RECONSIGNED STAINLESS OF MANUFACTURE INDICATED ADD WE STAINLESS OF TWATTALS, LIC. TWMETALS, LIC CERTIFIES THAT THE COUNTRY OR COUNTRINES OF MANUFACTURE INDICATED ASDVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LIC. THESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND AUTHORIZED FOR EXPORT NOWLY TO THE COUNTRY OF IT THAN THE CESTINATION FOR USE BY THE U.STAINTE CONSIGNED OF THE METALS, LIC. TRANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER COUNTRY OF OUTHER ITEMS. EXPORT LICENSE NUMBER: NIER COUNTRY OF COUNTRY OF OUT INTAINTE DESTINATION FOR USE BY THE U.STAINTE CONSIGNED OF THE METALS LIC. TRANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER COUNTRY OF OUTHER ITEMS.</td--></td></td>	SMLS CD 304/L A269 1/2 OD X .049 WA STAINLESS STEEL TUBE ROUND PART NUMBER: ECCN: 2B999.g SCHEDULE B:7304.41.0000 S/S PIPE/TUBE ROUND SMLS W/OD =3" NET WGT: 23.592 LBS COUNTRY OF MFG: CHINA SMLS CD 304/L A269 3/4 OD X .049 WA STAINLESS STEEL TUBE ROUND PART NUMBER: ECCN: 2B999.g SCHEDULE B:7304.11.0000 EXPORT LICENSE ECCN: 2B999.g SCHEDULE B:7304.11.0000 EXPORT LICENSE EXPIRATION DATE: 00/00/ TWMETALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF CONTAINED IN THE RECORDS OF TW METALS, LLC. THESE ITEMS ARE CONTROLLED BY THE US GOVERNMENT AND AUTHORIZED FOR EXPORT ONLY TO THE COUNTRY OF USING WE RECORD OF THE METALS COUNTRY OR TO ANY PERSON OF THE WITHOUT FOR THE BY THE WISH OF COUNTRY OF USING WE RECORD OF THE WITHOUT FOR USE BY THE UITHOUT FOR THE BY THE WISH OF COUNTRY OR TO ANY PERSON OF THE SETHANT HE AUTHORIZED COUNTRY OR TO ANY PERSON OF THE SETHANT HE AUTHORIZED UITHOUT FOON SIGNEE OR END-USER'S, BETHER IN THE ROMOTHER COUNTRY OR TO ANY PERSON OF THE REPORT HE HE, SETHANT FOR THE BY COUNTRY OR TO ANY PERSON OF THE SETHANT HE AUTHORIZED UITHOUT FOON SIGNEE OR END-USER'S, BETHER IN THE ROMOTHER THEMS. SOUTH OUT THE STORMANING APPROVAL SETHER IN THEIR ORIGINAL FORM OR AFTER BEING INCORPORATED INTO OTHER ITEMS.</td <td>DESCRIPTION SMLS CD 304/L A269 1/2 OD X .049 WA STAINLESS STEEL TUBE ROUND PART NUMBER: ECCN: 28999.g SCHEDULE B:7304.41.0000 S/S PIPE/TUBE ROUND SMLS W/OD <!--=3" NET WGT: 23.592 LBS COUNTRY OF MFG: CHINA SMLS CD 304/L A269 3/4 OD X .049 WA STAINLESS STEEL TUBE ROUND STAINLESS STEEL TUBE ROUND FART NUMBER: ECCN: 28999.g SCHEDULE B:7304.11.0000 EXPORT LICENSE RECONSIGNED STAINLESS OF MANUFACTURE INDICATED ADD WE STAINLESS OF TWATTALS, LIC. TWMETALS, LIC CERTIFIES THAT THE COUNTRY OR COUNTRINES OF MANUFACTURE INDICATED ASDVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LIC. THESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND AUTHORIZED FOR EXPORT NOWLY TO THE COUNTRY OF IT THAN THE CESTINATION FOR USE BY THE U.STAINTE CONSIGNED OF THE METALS, LIC. TRANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER COUNTRY OF OUTHER ITEMS. EXPORT LICENSE NUMBER: NIER COUNTRY OF COUNTRY OF OUT INTAINTE DESTINATION FOR USE BY THE U.STAINTE CONSIGNED OF THE METALS LIC. TRANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER COUNTRY OF OUTHER ITEMS.</td--></td>	DESCRIPTION SMLS CD 304/L A269 1/2 OD X .049 WA STAINLESS STEEL TUBE ROUND PART NUMBER: ECCN: 28999.g SCHEDULE B:7304.41.0000 S/S PIPE/TUBE ROUND SMLS W/OD =3" NET WGT: 23.592 LBS COUNTRY OF MFG: CHINA SMLS CD 304/L A269 3/4 OD X .049 WA STAINLESS STEEL TUBE ROUND STAINLESS STEEL TUBE ROUND FART NUMBER: ECCN: 28999.g SCHEDULE B:7304.11.0000 EXPORT LICENSE RECONSIGNED STAINLESS OF MANUFACTURE INDICATED ADD WE STAINLESS OF TWATTALS, LIC. TWMETALS, LIC CERTIFIES THAT THE COUNTRY OR COUNTRINES OF MANUFACTURE INDICATED ASDVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LIC. THESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND AUTHORIZED FOR EXPORT NOWLY TO THE COUNTRY OF IT THAN THE CESTINATION FOR USE BY THE U.STAINTE CONSIGNED OF THE METALS, LIC. TRANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER COUNTRY OF OUTHER ITEMS. EXPORT LICENSE NUMBER: NIER COUNTRY OF COUNTRY OF OUT INTAINTE DESTINATION FOR USE BY THE U.STAINTE CONSIGNED OF THE METALS LIC. TRANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER COUNTRY OF OUTHER ITEMS.</td

Page



FAX: 6096552603

MONROE TWP NJ 08831

Invoice#: 60660313

Cust. PO#: P0040406 Incoterms: SHIPPING POINT

Frt. Terms: PREPAID

Ship Via: COMMON CARRIER

COMMERCIAL INVOICE

Tel: 609-655-4120

Sold To: DART AEROSPACE LTD

1270 ABERDEEN ST

HAWKESBURY ON

CANADA

CN K6A 1K7 C

Contact: CHANTAL

16136321053

Ship To/Final Destination:

Payment Terms: NET 30 DAYS

Invoice Date: 7/10/18

Ship Date: 7/09/18

DART AEROSPACE LTD

1270 ABERDEEN ST HAWKSBURY ON

ONTARIO CANADA CN K6A 1K7

Freight	Forwarder	/Intermediate	Ship	To:
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ITEM# / LINE#	DESCRIPTION	QUANTITY	UNIT VALUE	SUBTOTAL
	NET WGT: 51.341 LBS COUNTRY OF MFG: CHINA			
33047	CDS 4130 6736 3/4 X .049	37.000 FT	\$ 6.0000 FT	\$ 222.00
3	ALLOY TUBE ROUND	0 IN 2.000 PC		
	PART NUMBER:			
	ECCN: 9A991.d SCHEDULE B:7304.51.0000 ALLOY TUBE ROUND SMLS W/OD =3"</td <td></td> <td></td> <td></td>			
	NET WGT: 13.569 LBS COUNTRY OF MFG: UNITED STATES			
41723	D6061-T6 5/16 OD X .058 WA	120.000 FT 0 IN	\$ 3.0800 FT	\$ 369.60
4	ALUMINUM TUBE ROUND	10.000 PC		
	PART NUMBER:			
	EXPORT LICENSE	NUMBER: NLR		
	EXPIRATIO	N DATE: 00/00/	00	
	TW METALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF MANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LLC.			
	THESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND AUTHORIZED FOR EXPORT ONLY TO THE COUNTRY OF ULTIMATE DESTINATION FOR USE BY THE ULTIMATE CONSIGNEE OR END-USER(S) HEREIN IDENTIFIED. THEY MAY NOT BE RESOLD, TRANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER COUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED ULTIMATE CONSIGNEE OR END-USER(S), EITHER IN THEIR ORIGINAL FORM OR AFTER BEING INCORPORATED INTO OTHER ITEMS, WITHOUT FIRST OBTAINING APPROVAL FROM THE U.S. GOVERNMENT OR AS OTHERWISE AUTHORIZED BY U.S. LAW AND			CONTINUE



FAX: 6096552603

Tel: 609-655-4120

MONROE TWP NJ 08831

Invoice#: 60660313

Cust. PO#: P0040406 Incoterms: SHIPPING POINT

Frt. Terms: PREPAID

Ship Via: COMMON CARRIER

COMMERCIAL INVOICE

Sold To: DART AEROSPACE LTD

1270 ABERDEEN ST HAWKESBURY ON

CANADA

CN K6A 1K7 C

Contact: CHANTAL

16136321053

Freight Forwarder/Intermediate Ship To:

Invoice Date: 7/10/18

Ship Date: 7/09/18

Payment Terms: NET 30 DAYS

Ship To/Final Destination:

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKSBURY ON

ONTARIO CANADA CN K6A 1K7

ITEM#/LINE#	DESCRIPTION	QUANTITY	UNIT VALUE	SUBTOTAL
	ECCN: EAR99 SCHEDULE B:7608.20.0030 ALUM PIPE/TUBE - SEAMLESS			
	NET WGT: 6.552 LBS COUNTRY OF MFG: UNITED STATES			
41952	D6061-T6 3/8 OD X .058 WA	120.000 FT 0 IN	\$ 2.6400 FT	\$ 316.80
5	ALUMINUM TUBE ROUND	10.000 PC		
	PART NUMBER:			
	ECCN: EAR99 SCHEDULE B:7608.20.0030 ALUM PIPE/TUBE - SEAMLESS			
	NET WGT: 8.136 LBS COUNTRY OF MFG: UNITED STATES			
43160	D6061-T6 1 OD X .035 WA	12.000 FT	\$ 5.3500 FT	\$ 64.20
	EXPORT LICENSE	NUMBER: NLR		
	EXPIRATI	ON DATE: 00/00/	00	
	TW METALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF MANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LLC			
	THESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND AUTHORIZED FOR EXPORT ONLY TO THE COUNTRY OF ULTIMATE DESTINATION FOR USE BY THE ULTIMATE CONSIGNEE OR END-USER(S) HEREIN IDENTIFIED. THEY MAY NOT BE RESOLD, TRANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER COUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED ULTIMATE CONSIGNEE OR END-USER(S), EITHER IN THEIR ORIGINAL FORM OR AFTER BEING INCORPORATED INTO OTHER ITEMS, WITHOUT FIRST OBTAINING APPROVAL FROM THE U.S. GOVERNMENT OR AS OTHERWISE AUTHORIZED BY U.S. LAW AND REGULATIONS.			CONTINUE



FAX: 6096552603

Ship Via: COMMON CARRIER

COMMERCIAL INVOICE

Sold To: DART AEROSPACE LTD

1270 ABERDEEN ST HAWKESBURY ON

CANADA

CN K6A 1K7 C

Contact: CHANTAL

16136321053

Freight Forwarder/Intermediate Ship To:

Invoice Date: 7/10/18

Ship Date: 7/09/18

Payment Terms: NET 30 DAYS

Ship To/Final Destination:

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKSBURY ON ONTARIO CANADA CN K6A 1K7

ITEM# / LINE#	DESCRIPTION	QUANTITY	UNIT VALUE	SUBTOTAL
6	ALUMINUM TUBE ROUND	0 IN 1.000 PC		
	PART NUMBER:			
	ECCN: EAR99 SCHEDULE B:7608.20.0030 ALUM PIPE/TUBE - SEAMLESS			
	NET WGT: 1.499 LBS COUNTRY OF MFG: UNITED STATES			
42558	D6061-T6 5/8 OD X .065 WA		\$ 3.1500 FT	\$ 75.60
7	ALUMINUM TUBE ROUND	0 IN 2.000 PC		
	PART NUMBER:			
	ECCN: EAR99 SCHEDULE B:7608.20.0030 ALUM PIPE/TUBE - SEAMLESS			
	NET WGT: 3.214 LBS COUNTRY OF MFG: UNITED STATES			
	EXPORT LICENSE	NUMBER: NLR		
	EXPIRATION	N DATE: 00/00/	00	
	TW METALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF MANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LLC.			
	THESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND AUTHORIZED FOR EXPORT ONLY TO THE COUNTRY OF ULTIMATE DESTINATION FOR USE BY THE ULTIMATE CONSIGNEE OR END-USER(S) HEREIN IDENTIFIED. THEY MAY NOT BE RESOLD, TRANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER COUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED ULTIMATE CONSIGNEE OR END-USER(S), EITHER IN THEIR ORIGINAL FORM OR AFTER BEING INCORPORATED INTO OTHER ITEMS, WITHOUT FIRST OBTAINING APPROVAL FROM THE U.S. GOVERNMENT OR AS OTHERWISE AUTHORIZED BY U.S. LAW AND REGULATIONS.	4		CONTINUE



FAX: 6096552603

MONROE TWP NJ 08831

Tel: 609-655-4120

Invoice#: 60660313 Cust. PO#: P0040406

Incoterms: SHIPPING POINT

Frt. Terms: PREPAID

Ship Via: COMMON CARRIER

COMMERCIAL INVOICE

Sold To: DART AEROSPACE LTD

1270 ABERDEEN ST

HAWKESBURY ON

CANADA

CN K6A 1K7 C

Contact: CHANTAL

16136321053

Freight Forwarder/Intermediate Ship To:

Invoice Date: 7/10/18

Ship Date: 7/09/18

Payment Terms: NET 30 DAYS

Ship To/Final Destination:

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKSBURY ON ONTARIO CANADA CN K6A 1K7

TEM# / LINE#	DESCRIPTION	QUANTITY	UNIT VALUE	SUBTOTAL		
	QUANTITY AND TYPE OF BOXES:					
	1 REDDICRATE					
	246.0000 X 4.0000 X 5.0000 TOTAL WGT: 167.903 LBS GROSS WGT: 167.903 LBS					
	EXPORT LICENSE	NUMBER: NLR				
	EXPIRATION	N DATE: 00/00/	00			
	TW METALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF MANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LLC					
	THESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND AUTHORIZED FOR EXPORT ONLY TO THE COUNTRY OF ULTIMATE DESTINATION FOR USE BY THE ULTIMATE CONSIGNEE OR END-USER(S) HEREIN IDENTIFIED. THEY MAY NOT BE RESOLD, TRANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER COUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED ULTIMATE CONSIGNEE OR ENDLISER(S). EITHER UN THEIR OFFICIALS		Sales Tax	.00		
	FORM OR AFTER BEING INCORPORATED INTO OTHER ITEMS, WITHOUT FIRST OBTAINING APPROVAL FROM THE U.S. GOVERNMENT OR AS OTHERWISE AUTHORIZED BY U.S. LAW AND REGULATIONS.	Payable in	US Dollars	1688.00		



235 TUBEWAY

CAROL STREAM IL 60188

Tel: 630-690-0110

FAX: 16306902105

Invoice#: 80944829

Cust. PO#: P0040406 Incoterms: SHIPPING POINT

Frt. Terms: PREPAID

Ship Via: COMMON CARRIER

COMMERCIAL INVOICE

Sold To: DART AEROSPACE LTD

1270 ABERDEEN ST HAWKESBURY ON

CANADA

Contact: CHANTAL

16136321053

Freight Forwarder/Intermediate Ship To:

CN K6A 1K7 C

Ship Date: 7/10/18

Payment Terms: NET 30 DAYS

Ship To/Final Destination:

Invoice Date: 7/10/18

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

				UNIT		
ITEM# / LINE#	DESCRIPTION	QUANTITY		VALUE		SUBTOTA
42807	D6061-T6 3/4 OD X .058 WA	48.000 FT	1 '	3.0000	FI	\$ 144.
1	ALUMINUM TUBE ROUND	0 IN 4.000 PC				
_	Lecture 1000 Rooms	4.000 PC				
	PART NUMBER:					
	ECCN: EAR99	•				
	SCHEDULE B:7608.20.0030					
	ALUM PIPE/TUBE - SEAMLESS					
	NET WGT: 7.102 LBS					
	COUNTRY OF MFG: UNITED STATES					
45936	D6061-T6 SQ-RC R.156 1 SQ X .065 WA	36.000 FT	\$	9.8000	FT	\$ 352.
		0 IN	r			
2	ALUMINUM TUBE SQUARE	3.000 PC				
	PART NUMBER:					
	ECCN: EAR99	Cumthe	6-			
		Morrow	a som			
			21	2/18		
			1+1	10/10		
	EXPORT LICENSE	NUMBER: NLR				
		N DATE: 00/00	00			
	TW METALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF					
	MANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LLC.					
	THESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND AUTHORIZED FOR EXPORT ONLY TO THE COUNTRY OF ULTIMATE					
	DESTINATION FOR USE BY THE ULTIMATE CONSIGNEE OR END-USER(S) HEREIN IDENTIFIED. THEY MAY NOT BE RESOLD,					
	TRANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER COUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED					
	ULTIMATE CONSIGNEE OR END-USER(S), EITHER IN THEIR ORIGINAL FORM OR AFTER BEING INCORPORATED INTO OTHER ITEMS.					CONTINUE
	WITHOUT FIRST OBTAINING APPROVAL FROM THE U.S. GOVERNMENT OR AS OTHERWISE AUTHORIZED BY U.S. LAW AND					CONTINUE
	REGULATIONS. Page	1				



235 TUBEWAY

Tel: 630-690-0110

FAX: 16306902105

Invoice#: 80944829

Cust. PO#: P0040406

CAROL STREAM IL 60188 Cust. Fom: FOOTBURG POINT

Frt. Terms: PREPAID Ship Via: COMMON CARRIER

COMMERCIAL INVOICE

Sold To: DART AEROSPACE LTD

1270 ABERDEEN ST HAWKESBURY ON

CANADA

CN K6A 1K7 C

Contact: CHANTAL

16136321053

Freight Forwarder/Intermediate Ship To:

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DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKSBURY ON

ONTARIO CANADA CN K6A 1K7

DESCRIPTION	QUANTITY	UNIT VALUE	SUBTOTAL
NET WGT: 9.828 LBS COUNTRY OF MFG: UNITED STATES			
D6061-T6 3/4 OD X .125 WA	12.000 FT	\$ 9.2000 FT	\$ 110.40
ALUMINUM TUBE ROUND	1.000 PC		
PART NUMBER:			
ECCN: EAR99 SCHEDULE B:7608.20.0030 ALUM PIPE/TUBE - SEAMLESS			
NET WGT: 3.463 LBS COUNTRY OF MFG: UNITED STATES FREIGHT CHARGES			.00
QUANTITY AND TYPE OF BOXES:			
1 REDDICRATE			
150.0000 X 4.0000 X 4.0000			
EXPORT LICENSE	NUMBER: NLR		
EXPIRATION	N DATE: 00/00/	00	
TW METALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF MANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LLC.			
THESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND AUTHORIZED FOR EXPORT ONLY TO THE COUNTRY OF ULTIMATE DESTINATION FOR USE BY THE ULTIMATE CONSIGNEE OR END-USER(S) HEREIN IDENTIFIED. THEY MAY NOT BE RESOLD, TRANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER COUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED ULTIMATE CONSIGNEE OR END-USER(S), EITHER IN THEIR ORIGINAL FORM OR AFTER BEING INCORPORATED INTO OTHER ITEMS, WITHOUT FIRST OBTAINING APPROVAL FROM THE U.S. GOVERNMENT OR AS OTHERWISE AUTHORIZED BY U.S. LAW AND			CONTINUE
	NET WGT: 9.828 LBS COUNTRY.OF MFG: UNITED STATES D6061-T6 3/4 OD X .125 WA ALUMINUM TUBE ROUND PART NUMBER: ECCN: EAR99 SCHEDULE B:7608.20.0030 ALUM PIPE/TUBE - SEAMLESS NET WGT: 3.463 LBS COUNTRY OF MFG: UNITED STATES FREIGHT CHARGES QUANTITY AND TYPE OF BOXES: 1 REDDICRATE 150.0000 X 4.0000 X 4.0000 EXPORT LICENSE EXPIRATION TWMETALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF MANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LLC THESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND AUTHORIZED FOR EXPORT ONLY TO THE COUNTRY OF ULTIMATE DESTINATION FOR USE BY THE ULTIMATE CONSIGNEE OR END-USER(S) HERRIN IDENTIFIED. THEY MAY NOT BE RESOLD, TRANSFERRED, OR OTHER WAS EDISPOSED OF, TO ANY OTHER COUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED ULTIMATE CONSIGNEE OR END-USER(S) HERRIN IDENTIFIED. THEY MAY NOT BE RESOLD, TRANSFERRED, OR OTHER WAS EDISPOSED OF, TO ANY OTHER COUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED ULTIMATE CONSIGNEE OR END-USER(S); ETHER IN THEIR ORIGINAL FORM OR AFTER BEING INCORPORATED INTO OTHER ITEMS, WITHOUT FIRST OBTAINING APPROVAL FROM THE U.S.	NET WGT: 9.828 LBS COUNTRY.OF MFG: UNITED STATES D6061-T6 3/4 OD X .125 WA 12.000 FT 0 IN ALUMINUM TUBE ROUND 1.000 PC PART NUMBER: ECCN: EAR99 SCHEDULE B:7608.20.0030 ALUM PIPE/TUBE - SEAMLESS NET WGT: 3.463 LBS COUNTRY OF MFG: UNITED STATES FREIGHT CHARGES QUANTITY AND TYPE OF BOXES: 1 REDDICRATE 150.0000 X 4.0000 X 4.0000 EXPORT LICENSE NUMBER: NLR EXPIRATION DATE: 00/00/ TWMETALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF MANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LLC. THESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND AUTHORIZED FOR EXPORT ONLY TO THE COUNTRY OR ULTIMATE DESTINATION FOR USE BY THE ULTIMATE CONSIGNEE OR TO ANY TO THE COUNTRY OR TO THE RESOLD, TRANSFERRED, OR OTHER THAN THE AUTHORIZED TO LITHINATE CONSIGNEE OR ENDUSER(S), EITHER IN THEIR ORIGINAL FORM OR A FORM OR PAPENSE DISPOSED OF, TO ANY OTHER COUNTRY OR TO ANY POT BE RESOLD, TRANSFERRED, OR OTHER THAN THE AUTHORIZED ULTIMATE CONSIGNEE OR ENDUSER(S), EITHER IN THEIR ORIGINAL FORM OR A FITTER BEING INCOPPORATED INTO OTHER ITEMS, WITHOUT FIRST OBTAINING APPROVAL FROM THE FITMS, WITHOUT FIRST OBTAINING APPROVAL FROM THE FIEMS, WITHOUT FIRST OBTAINING APPROVAL FROM THE FIEMS. WITHOUT FIRST OBTAINING APPROVAL FROM THE U.S. GOVERNMENT OR AS OTHERWISE DISPOSED OF, TO ANY OTHER COUNTRY OR FORM OR A FITTER BEING INCOPPORATED INTO OTHER ITEMS, WITHOUT FIRST OBTAINING APPROVAL FROM THE FIEMS. WITHOUT FIRST OBTAINING APPROVAL FROM THE PUS. EQUIPMENT OR AS OTHERWISE DISPOSED OF TO ANY OTHER MENTOR OF THE PROM THE PUS. EQUIPMENT OR AS OTHERWISE DISPOSED OF TO ANY OTHER MENTOR OF THE PUS AND OTHER PUS AUTHORIZED BY U.S. LAW AND	DESCRIPTION QUANTITY VALUE NET WGT: 9.828 LBS COUNTRY OF MFG: UNITED STATES D6061-T6 3/4 OD X .125 WA 12.000 FT 0 IN 1.000 PC PART NUMBER: 1.000 PC PART NUMBER: 1.000 PC PART NUMBER: 1.000 PC PART NUMBER: 1.000 PC ECCN: EAR99 SCHEDULE B:7608.20.0030 ALUM PIPE/TUBE - SEAMLESS NET WGT: 3.463 LBS COUNTRY OF MFG: UNITED STATES FREIGHT CHARGES QUANTITY AND TYPE OF BOXES: 1 REDDICRATE 150.0000 X 4.0000 X 4.0000 EXPORT LICENSE NUMBER: NLR EXPIRATION DATE: 00/00/00 TWMETALS LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF MANUFACTURE INDICATED ADOVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LLC. THESE HEMS ARE CONTROLLED BY THE US GOVERNMENT AND AUTHORIZED FOR EXPORT ONLY TO THE COUNTRY OR ULTIMATE DESTINATION FOR USE BY THE US GOVERNMENT AND AUTHORIZED FOR EXPORT ONLY TO THE COUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED COUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED COUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED COUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED FUNS. WITHOUT FIRST OBTAINING APPROVAL FROM THE US. WITHOUT FIRST OBTAINING APPROVAL FROM THE US.



235 TUBEWAY

CAROL STREAM IL 60188

Tel: 630-690-0110

FAX: 16306902105

Invoice#: 80944829

Cust. PO#: P0040406

Incoterms: SHIPPING POINT

Frt. Terms: PREPAID

Ship Via: COMMON CARRIER

COMMERCIAL INVOICE

Sold To: DART AEROSPACE LTD

1270 ABERDEEN ST HAWKESBURY ON

CANADA

Contact: CHANTAL

16136321053

CN K6A 1K7 C

Ship To/Final Destination:

Invoice Date: 7/10/18

Ship Date: 7/10/18

Payment Terms: NET 30 DAYS

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

Freight Forwarder/Intermediate Ship To:

ITEM#/LINE#	DESCRIPTION		QUANTITY	UNIT VALUE	SUBTOTAL
	TOTAL WGT: GROSS WGT:	20.000 LBS 45.000 LBS			
		·			
		EXPORT LICENSE EXPIRATI	NUMBER: NLR ON DATE: 00/00/	00	
	TW METALS, LLC CERTIFIES MANUFACTURE INDICATED A CONTAINED IN THE RECORD	THAT THE COUNTRY OR COUNTRIES OF BOVE IS TRUE AND CORRECT AS S OF TW METALS, LLC.			
	THESE ITEMS ARE CONTROL AUTHORIZED FOR EXPORT (DESTINATION FOR USE BY TI END-USER(S) HEREIN IDENTI TRANSFERRED, OR OTHERW COUNTRY OR TO ANY PERSO ULTIMATE CONSIGNEE OR E	LED BY THE U.S. GOVERNMENT AND DNLY TO THE COUNTRY OF ULTIMATE HE ULTIMATE CONSIGNEE OR FIED. THEY MAY NOT BE RESOLD, ISE DISPOSED OF, TO ANY OTHER NO OTHER THAN THE AUTHORIZED DOLUSER'S). EITHER IN THEIR OPIGINAL		Sales Tax	.00
	WITHOUT FIRST OBTAINING	RPORATED INTO OTHER ITEMS	Payable in	US Dollars	607.20



JIAXING MT STAINLESS STEEL CO.,LTD

MILL TEST CERTIFICATE

EN10204 3.1 CERTIFICATE

ISO 9001: 2015 TUV SUD CERT REGISTRATION No.: 01 100 095954
PED/97/23/CE EURO CERT CERTIFICATE NO:CN.CE.1110S1-02/14



Precisely Right. CERTIFICATE NO.: 18MTC-180419769-10 PURCHASER: KASUGAI CO., LTD. SALES CONTRACT NO.: M 49380769 ORDER:M 49380769 COMMODITY: STAINLESS STEEL SEAMLESS TUBE DATE OF REPORT: 2018-4-19 SPECIFICATION: ASTM A269-15a, ASTM A213-17, ASME SA213-17 Dimensions Quantity Macroscopic Inspection Delivery Steel Grade Heat No. O.D. W.T. Length Process Piece Condition **End Cut** Appearance (INCH) (INCH) (FT) N171009AS12 Pickled & 320 Grit TE304/TP304L 1/2 0.049 20 10460 Cold-Drawn 523 Passed Passed polish Chemical Composition (W.T. %) Element C Si Mn p S Cr Ni Ti ≤1.00 Requirements ≤0.035 ≤2.00 ≤0.045 ≤0.030 18.0-20.0 8.0-11.0 Ladle Analysis 0.014 0.38 1.34 0.031 0.001 18.21 8.04 Mechanical Properties Y.S. (MPa) T.S. (MPa) EL. (%) Reduction of Area | Hardnes Test Item PMI Cold Bend Test Flaring Test Rp0.2 Flattening Test In2in Rm Z (%) TEST Requirements ≥205 ≥515 ≥35 ≤80 e=0.09 Test Results 290 605 60 77 Passed Passed Passed Passed Non Destructive Tests SOLUTION HEAT TREATMENT: 1050°C X 1.5m/might 57 Milles Solution HEAT TREATMENT: 1050°C X 1.5m/might 57 Milles Solution PMI TESTING STREET STRE Test Item **Eddy Current** PMI TESTING DONE ON EACH TUBE - SATISFACTOR Test JUN 08 2018 ASTM E 426 Requirements FREE FROM MERCURY CONTAMINATION MATERIAL IS FREE FROM RADIOACTIVITY VISUAL CHECK IS SATISFACTORY Eric T. Test Results Passed COUNTRY OF ORIGIN: CHINA COUNTRY OF MELT:CHINA ACCEPTED BY I.WE HERE BY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST Approved by: RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT 2. THE CERTIFICATE SHALL NOT BE REPROUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.

PELEASE

B REFORMAL AND SPECIAL CAN DULL)

A INEW ISSUE

REV

DESIGN

D

SPECIFICATION CONTROL DRAWING

PART NUMBER

M304TR D.DDD W. TTT

WHERE "D.DDD" = OUTSIDE DIAMETER IN INCHES AND "TTT" = WALL THICKNESS IN INCHES

EG. 0.375" OD X 0.065" WALL TUBING = M304 FR0 375W.065

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M36 DATE: 18/67	471	(0.5	0W,049		PO / BA	тсн но.: <u>Ро</u> оч	10 404/5012699
MATERIAL CERT REC'D: 45						RDERED: 0. J	
						CEIVED: 0.5	00
QUANTITY INSPECTED:						RDERED:	
QUANTITY REJECTED:				SHE	EET SIZE RE	CEIVED:	
	N	CR	1				
DESCRIPTION		neck (N)		1	COMM	ENTS	
SURFACE DAMAGE	Υ	(19)					
CORRECT FINISH	(8)	N					
CORROSION	Y	OV					
CORRECT GRAIN DIRECTION	V	N					
CORRECT MATERIAL PER M-DRAWING	0	N	ASTM	A 269	<u> </u>		
CORRECT THICKNESS PHOTO REQUIRED	(i)	N					
CORRECT REF # TO LINK CERT	8	N	112 11	121000	ACL		
CORRECT MATERIAL IDENTIFICATION		N	PIT: IV	1/1009	ASIL		
CORRECT M# ON THE MATERIAL	V	N					
DOES THIS MATERIAL REQUIRE	<u> </u>	14					
ENGINEERING SIGN OFF	Υ	N					
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	3					
	•						
CUT SAMPLE PIECE	OF	NAAT	FEDIAL AND	BBEEOE	MA LIADO	NEGO CHECK	
00.000000000000000000000000000000000000			ORD RESUL			NESS CHECK.	
			HRC	HRB	T DUR A	DUR D	WEBSTER
TYPE OF MATERIAL						BOKB	TVLD57EIX
SIZE OF TEST SAMPLE							
HARDNESS / DUROMETER READIN	VG						
	te	sters	located in the	Quality Offi	ce		
QC 18 INSPECTION					ENGINE	ERING SIGNOR	F (if required)
INSPECTED BY:				SIG	NED OFF B		- (ii rodaireo)
DATE: (8/07/17					DAT		
					DAI	h	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



JIAXING MT STAINLESS STEEL CO., LTD

MILL TEST CERTIFICATE

EN10204 3.1 CERTIFICATE ISO 9001: 2008 TUV SUD CERT REGISTRATION No.: 01 100 095954 PED/97/23/CE EURO CERT CERTIFICATE NO:CN.CE.1110S1-02/14



CERTIFICATE SALES CONTR COMMODITY: SPECIFICATIOI	CERTIFICATE NO.: 17MTC-101704 SALES CONTRACT NO.: M 49370267 COMMODITY: STAINLESS STEEL SI SPECIFICATION: ASTM A213-15c AS	CERTIFICATE NO.: 17MTC-101704 SALES CONTRACT NO.: M 49370267 COMMODITY: STAINLESS STEEL SEAMLESS PIPE SPECIFICATION: ASTM A213-15c ASTM A269-15a, ASME SA213-15 AVG WALL	PIPE Sa, ASME S,	A213-15 AVC	3 WALL			PURCHASER:KASU ORDER:M 49370267 DATE OF REPORT:	PURCHASER:KASUGAI CO., LTD. ORDER:M 49370267 DATE OF REPORT: 2017-10-17	J CO., LTD.				
				Di	Dimensions			Qua	Quantity		1	Macroso	Macroscopic Inspection	ction
Steel Grade	H *	Heat No.	O.D.	W.T.		Length (FT)		FF	Piece	Process	Condition	End Cut	Appearance	rance
TP304/304L	N1707	N170711AS10	3/4	0.049		20		0929	338	Cold-Drawn	Annealed & Pickled	Passed	Passed	pa
					Che	mical Com	Chemical Composition (W.T. %)	V.T. %)						
Element	С	Si	Mn	Ь	S	Cr	Ni	Mo	Ti	1	ŧ			
Requirements	≤0.035	€1.00	€2.00	≤0.045	€0.030	18.0-20.0	8.0-12.0	-		1	ı		ı	
Ladle Analysis	0.017	0.34	1.32	0.027	0.001	18.13	8.01	2.05		•				•
						Mechanic	Mechanical Properties	es						
Test Item	Y.S. (MPa) Rp0.2	T.S. (MPa) Rm		EL. (%) In2in		Reduction of Area Z (%)		Hardness HRB	Cold Ba	Cold Bend Test	Flaring Test	Flattening Test	g Test	P.M.I.
Requirements	≥170	≥485		≥35				08≽			•	e=0.09	60	
Test Results	260	625		55		•		9/	Pas	Passed	Passed	Passed	pa	Passed
		Non Dest	Non Destructive Tests	so		Remarks:	(1						
Test Item		Eddy	Eddy Current Test			- ASTM A21 - PIPES TEST - SOLUTION - NO WELD I	- ASTM A213-159 ASTW A269 N5a, - PIPES TESTED PER ASTW A1016 - SOLUTION HEAT TREATMENT: - NO WELD REPAIR WAS PERFORI PMI TESTING DONE ON EACH PI	- ASTM A213-150 ASTM A269N53. ASI - PIPES TESTED PER ASTM A1016 - SOLUTION HEAT TREATMENT: 1050' - NO WELD REPAIR WAS PERFORMED - PMI TESTING DONE ON EACH PIPE —	- ASTM A213-156 ASTM A269 Vsa, ASME SA213-15 AV - PIPES TESTED PER ASTM A1016 - SOLUTION HEAT TREATMENT: 1050°C X 1.5m/min - NO WELD REPAIR WAS PERFORMED PMI TESTING DONE ON EACH PIPE – SATISFACTORY	- ASTM A213-156 ASTM A269 153, ASME SA213-15 AVG WALL-PIPES TESTED PER ASTRATATO16 -SOLUTION HEAT TREATMENT: 1050°C X 1.5m/min -NO WELD REPAIR WAS PERFORMEDPMI TESTING DONE ON EACH PIPE — SATISFACTORY	Ser. Ser. Ser. Ser. Ser. Ser. Ser. Ser.	MI STAIMLESS STEEL	10.00	
Requirements		AST	ASTM E 426			- IN COMPLI - FREE FRON - MATERIAL	IANCE WITH M MERCURY IS FREE FR	- IN COMPLIANCE WITH NACE MR0175/ISO 1 - FREE FROM MERCURY CONTAMINATION - MATERIAL IS FREE FROM RADIOACTIVITY	 IN COMPLIANCE WITH NACE MR0175/ISO 15156-2015 FREE FROM MERCURY CONTAMINATION MATERIAL IS FREE FROM RADIOACTIVITY 	6-2015		DEP		
Test Results		a.	Passed			- VISUAL CI- COUNTRY COUNTRY	- VISUAL CHECK IS SATISFACTORY - COUNTRY OF ORIGIN: CHINA - COUNTRY OF MELT: CHINA	TSFACTORY CHINA HINA						e.
1.WE HERE BY C RESULTS ARE D 2.THE CERTIFIC,	CERTIFY THAT T V COMPLIANCE V ATE SHALL NOT	I WE HERE BY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT 2. THE CERTIFICATE SHALL NOT BE REPROUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY	SCRIBED HER OF THE PURC EXCEPT IN FL	EIN HAS BEI HASE ORDEI ILL, WITHOU	R OR CONTI	AND THE TI RACT TTEN APPR(Prepared by:	offer	Approved by:	in the state of th			D CE MICE
I II COME ONE											_	日日	FEB 2 1 2018	

They Kenner ACCEPTED BY

PELEAS

REFORMAT DWG, ADD SPECS (ZN D8-1), CP 08 10 20

A NEW ISSUE DU, SCRIPL, JN DARY AEROSPACE LTD DRAWN CHECKED CH

PURCHASE MATERIAL AISI 604 616 SS SEAMLESS ROUND TUBING

SPECIFICATION CONTROL DRAWING

SPECIFICATION: ASTM A213 OR ASME SA213 OR (STM A269)

WALL THICKNESS TOLERANCE PER ASTM A269 AS FOLLOWS:

PERMISSABLE PERMISSABLE UP TO 3. 40 005 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 11

M304TR[D.DDDIW].ITT OD WALL

PART NUMBER

WHERE "D.DDD" = OUTSIDE DIAMETER IN INCHES AND ".TTT" = WALL THICKNESS IN INCHES

EG. 0.375" OD X 0.065" WALL TUBING = M3041R0 375W.065

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M 30 DATE: (8/67/	471	(0.7	500.04	<u>19</u>		PO / BATCH	1 NO.: <u>Poo4.</u>	0406/50427
MATERIAL CERT REC'D: Wes				_	THICK	(NESS ORDE	RED: 0.75	6"
QUANTITY RECEIVED: 140'							IVED: 0.7	
QUANTITY INSPECTED: /40'				_			RED:	
QUANTITY REJECTED:				_			IVED:	
DESCRIPTION		CR				00111511		
DESCRIPTION	1 '	neck /N)				COMMEN	18	
SURFACE DAMAGE	Υ	N						
CORRECT FINISH	8							
CORROSION	Y	N						
CORRECT GRAIN DIRECTION	Q	N						
CORRECT MATERIAL PER M-DRAWING	V	N	A511	426				
CORRECT THICKNESS	(A)	N						
PHOTO REQUIRED CORRECT REF # TO LINK CERT	(X)		111-1	(17)	A e /			
CORRECT MATERIAL IDENTFICATION		N	Jet !!	1170711	15/0			
CORRECT M# ON THE MATERIAL	M	N			1			
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N			-			
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	N						
CUT SAMPLE PIECE				ND PREF		A HARDNE	SS CHECK.	
	-		HRC	HRB	LOVV	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL						30,171	BOILD	WEBSIER
SIZE OF TEST SAMPLE								
HARDNESS / DUROMETER READIN	1G							
	<u>te</u>	sters	located in	the Quality	Office			
QC 18 INSPECTION						ENGINEER	ING SIGNOF	F (if required)
INSPECTED BY:					SIGNE	D OFF BY:		r (ii required)
DATE: (8/27/17						DATE:		
19/4//						DAIL.		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



TRUST YOUR SOURCE! ACCEPT NO SUBSTITUTIONS!

PRODUCT CERTIFICATION

SALES ORDER - LINE / RLS 162122 - 1 / 1

WORK ORDER HEAT NUMBER MELT SOURCE 022929 24211

Timken Steel - Melt/Mfg. USA

SHIP TO

TW Metals 27 Englehard Drive Monroe Township, NJ 08831 USA

CUSTOMER P.O. **CUSTOMER PART** QUANTITY LADING NO CERT ID / REV **CERT DATE** M 49386235 33047 3,249.5 00101235 01 06/01/2018 TW METALS PART DESCRIPTION H07500490J000Z OD: 0.7500" Max: 0.7550" Min: 0.7450" Wall: 0.0490" Max: 0.0540" Min: 0.0440" JUN - 7 2018 Length: 17.00' /24.00' Spec: Mil T 6736B Seamless Aircraft Grade: (4130) ACCEPTED Finish: Cond N CERTIFICATION REQUIREMENTS FAR BAA (FAR 52,225-1 Buy America Act Supplies). DFARS 252,225-7001 By America Act & Bal, of Payments Program FAR TAA (FAR 52,225-5 Trade Agreements)(Paragraph 1,3,4,5) This material was Eddy Current tested and conforms to the requirements of ASTM A 450. The Grain size is determined and reported by the raw material supplier in accordance to ASTM E-112. This raw material was magnetic particle inspected by the raw material supplier in accordance to AMS 2640J and/or ASTM E-1444, and rated as Frequency, and Severity to AMS 2301, latest revision. Yield is determined by using the 0.2% offset method. This material meets Plymouth ProMoly specifications Chemical Analysis C Mn Cu Тi Sn 29 56 007 007 30 032 .009 **Physical Properties** Freq. Severity Grain Size Mechanical Properties TEST UNITS #TESTS HIGH LOW **AVERAGE** STD-DEV Tensile Psi 36 114580 108440 111752 1386 Yield Psi 36 107380 102030 104853 1234 Elongation % 36 19 18 18 Rockwell C Rc 36 21 21 21 0 TEST RESULT Decarb/OD Pass Total ID/OD decarb Pass Additional Specification(s) AMS-T6736 B, AMS 6360M

I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, Streator in compliance with the requirements of the cited specification. Chemistry is as reported by the Steel supplier. This test report cannot be reproduced or distributed except in full without the written permission of Plymouth Tube.

Janiu Duros Suff
Quality Assurance



PRODUCT CERTIFICATION

SALES ORDER - LINE / RLS 162122 - 1 / 1

WORK ORDER HEAT NUMBER 022929 24211

MELT SOURCE

Timken Steel - Melt/Mfg. USA

SHIP TO

TW Metals 27 Englehard Drive Monroe Township, NJ 08831 USA

CUSTOMER P.O.	CUSTOMER PART	QUANTI	ſΥ	LADING NO	CERT ID / REV	CERT DATE
M 49386235	33047	3,249.5	ft	00101235	01	06/01/2018

PART DESCRIPTION

H07500490J000Z

This test report data is for the heat Chemistry Stated above.

The material in this test report is:

- 1) Drawn in the USA
- Free from Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Mercury contamination.
- 3) NAFTA compliant.

End of Certification

I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, Streator in compliance with the requirements of the cited specification. Chemistry is as reported by the Steel supplier. This test report cannot be reproduced or distributed except in full without the written permission of Plymouth Tube.



RELEASE 2012 -04-16

REV. B SHEET 1 OF 1 12 04 02 01 95 16 DART AEROSPACE LTD
HANWESBLAY, ONTARIO CANADA
DRAWING NO.
M4130N-T STEEL TUBING
GOVERNMENT GOOD BY DART ARROSPACE LTD 38 REFORMAT DWG TO ACCOMODATE ADDITIONAL TUBE DIAMETERS AND WALL THICKNESS: 12.04.02 DESIGN DRAWN CHECKED MFG APPR APPROVED DE APPR.

PART NUMBER:

U

PURCHASE MATERIAL: AIS(4730N) SEAMLESS STEEL TUBING SPECIFICATION: (MIL-T-6730 OR AMS 6371, 6360, 6361, 6362, 6373, 6374

M4130N TD.DDD W.TTT DIA. WALL

WHERE: "D.DDD" = OUTER DIAMETER (IN INCHES) AND ".TTT" = WALL THICKNESS (IN INCHES)

SPECIFICATION CONTROL DRAWING

۵

EG. 3/4" TUBING WITH .035" WALL = M4130NT0.750W.035

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M4130 DATE: (1/07)	(1)	0.75	DW.049	-	PO / BATC	н NO.: <u>1004</u>	406/50927
MATERIAL CERT REC'D: Yes				ТН	ICKNESS ORD	ERED: 0.73	To"
QUANTITY RECEIVED: 4					ICKNESS RECE		
QUANTITY INSPECTED: 40				_			
	-			-	EET SIZE ORD		
QUANTITY REJECTED:				SHI	EET SIZE RECE	EIVED:	
	N	CR					
DESCRIPTION	,	neck /N)		1	COMMEN	NTS	
SURFACE DAMAGE	Υ	N					
CORRECT FINISH	Y	N					
CORROSION	Y	N					
CORRECT GRAIN DIRECTION	(Y)	N					
CORRECT MATERIAL PER M-DRAWING	D	N	Mil-	7 6736			
CORRECT THICKNESS	N	N			-		
PHOTO REQUIRED	Y	M	4				
CORRECT REF # TO LINK CERT	(Y)	N	HT:	24211			
ORRECT MATERIAL IDENTFICATION	(Y)	N					
CORRECT M# ON THE MATERIAL	Y	N					
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ						
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	(2)					
CHT CALLED TO DETAIL							
CUT SAMPLE PIECE	: OF	MAI	ERIAL A	ND PREFOR	RM A HARDNE	ESS CHECK.	
	r		HRC	ULTS BEHO		T 5115.5	I
YPE OF MATERIAL			TRU	HRB	DUR A	DUR D	WEBSTER
ZE OF TEST SAMPLE		_			-		
ARDNESS / DUROMETER READIN	J.C						-
THE PROPERTY OF THE READIL		otore	Inneta di	4-0-5			
	16	sters	iucated in	the Quality Off	ice		
C 18 INSPECTION					ENGINEE	RING SIGNO	FF (if required
1							· (ii required
INSPECTED BY:				SIG	NED OFF BY		
DATE: 18/07/17							
DATE: 10/07//17					DATE:		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



PRECISION TUBE CO.

287 WISSAHICKON AVE. NORTH WALES PA 19454 Control No: 6257

CERTIFIED TEST REPORT

		ASE ORDER	NO. CU	ST. ORD. NO.			N TUBE P/N
		LINE 001		475790		24A0312	250580005
so	FO	5 TUBEWAY	, GA 30298 ES	SE	FOF	METALS TUBEWAY REST PARK, TED STATE:	
QUANTIT	Y ORD.	DESCRI	PTION		QTY.	SHIPPED	DATE SHIPPED
320	04 FT	TEMPER - SPEC - AI ASTM- LENGTH - LGTH TOL SHAPE - I FINISH - OD .31	MS 4082P 3-210-12 AM 12 FT +.1250 IN OUND	ACT LENGTHS		3456 FT	12/13/17
			MECHAN	ICAL PROPERTI	ES		
SAMPLE	# S7	ENSILE TRENGTH P.S.I.)	YIELD STRENGT (P.S.I.	H IN 2 INC	HES K	OCKWELL ARDNESS	AVERAGE GRAIN SIZE (MM.)
1 2		46,376 45,712	41,941 40,899				
			220				
			DEST	RUCTIVE TESTS			
	FAR BAA			MPLIES, FAR TAA			
ALLON	6061			CAL COMPOSITIO			
ALLOY:		HEAT:	R/	TRACEABILITY #:	PTC13607	- KAISER A	LUMINUM INVESTME
	Si	Fe Cu 0.15	Mn		Ti	Al	
1	0.40		0.8	0.04		Rem.	

on Precision Tube's sales acknowledgement. During the property accordance with the requirements of the applicable specifications and descriptions set forth its compounds, nor with any mercury containing device practically and inspection, the product did not come into direct contact with mercury or any of revision of the RoHS Directive (2011/65/EU).

Melted and Manufactured in USA QMS Registered to ISO 9001: 2008

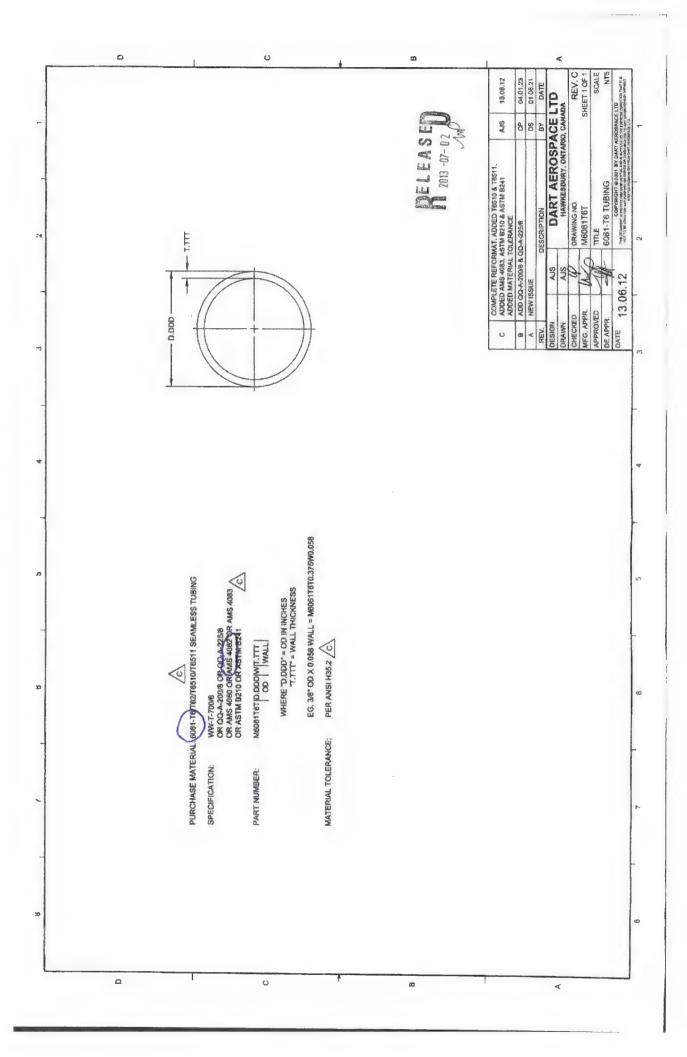
LS B

By: Jennifer James

12/13/17

Quality & Technical Lead

Page: 1 of 1



MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061			15W-058		PO / BATCH	NO.: <u>POS40</u>	406/5092
MATERIAL CERT REC'D: Ves				THIC	KNESS ORDE	RED: 0.3/2:	5"
QUANTITY RECEIVED: 130					KNESS RECEI		
QUANTITY INSPECTED: 16'					ET SIZE ORDE		
QUANTITY REJECTED:				SHEE	ET SIZE RECEI	VED:	
	NO	CR					
DESCRIPTION	,	eck N)			COMMENT	S	
SURFACE DAMAGE	Y	W					
CORRECT FINISH	B	N					
CORROSION	Υ	(1)					
CORRECT GRAIN DIRECTION	Q	N					
CORRECT MATERIAL PER M-DRAWING		N	Ams 408	7			
CORRECT THICKNESS	(A)	N					
PHOTO REQUIRED	Y						
CORRECT REF # TO LINK CERT	W	N	HT: 29 2	7553			
ORRECT MATERIAL IDENTFICATION	(X	N					
CORRECT M# ON THE MATERIAL	(Y)	N					
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	(N)					
DOES THIS REQUIRE AN	·	0					
EXTRUSION REPORT	Υ	N					
CUT SAMPLE PIECE			TERIAL AND F			SS CHECK.	
	•			HRB	DUR A	DUR D	WEBSTER
YPE OF MATERIAL	1			,		20110	T.E.BOTEK
IZE OF TEST SAMPLE							
ARDNESS / DUROMETER READI	NG						
	te	sters	located in the Q	uality Office	ce		<u> </u>

OC 18 INSPECTION ENGINEERING SIGNOFF (if required)

INSPECTED BY: SIGNED OFF BY:

DATE: (8/07/17

DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in





CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CUSTOMER PO NUMB	ER:	CUSTOMER	PART NUMBER:	PRODUCT DESCRIPTION	N:	
M49389319-1		41952		Drawn Seamless	Tube/Pipe	
KAISER ORDER NUMB	ER: LINE ITEM:		SHIP DATE:	KAISER LOT NUMBER:	ALLOY:	TEMPER:
226113	001		05/29/2018	F00270254	6061)	16
WEIGHT SHIPPED:	QUANTITY:		B/L NUMBER:	DIAM/DAF/THKNS:	WIDTH:	LENGTH:
389.000 LB	479.000 1	PCS	229783			12.000 FT
SHIP TO:				SOLD TO:		
TW METALS INC 235 WEST TUBE CAROL STREAM	WAY DRIVE			TW METALS INC 760 CONSTITUTION SUITE 204 EXTON, PA 19341		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON%IACS	BEND
F00270254	0001	0001	46.4	37.6	18.5	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum										NA	NA	0.05	0.15
Minimum										NA		0.00	
D21279	.58	.18	.22	.06	.97	.06	.02	.02	.00	.00	.00	.01	.02

Applicable Requirements:

Description: OD: 0.3750"; Wall: 0.0580"; Round @ AMS4082P AMS-WW-T-700/6C ASTM B210-12
WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS4082P, WAS NOT OILED. This Product Complies to FAR BAA, DFARS BAA, FAR TAA COMPLIES TO DIN EN 10204 JAN 2005
No Weld Repair. Mercury Free.



Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA.

MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT- SUPPLIES), DFARS BAA (DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5 TRADE AGREEMENTS).

Plant Serial: 00028471

Kaiser Order Number: 226113

Line Item: 001





CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms &conditions of sale. Test reports are on file subject to examination.

Hans Kattentidt, Quality Manager



TW METALS

Plant Serial: 00028471

Kaiser Order Number: 226113

Line Item: 001

DART AEROSPACE LTD

S
HAWKESBURY, ONTARIO, CANADA

ORAWING NO.

TITLE ۵ 13.06.12 COPYRIGHT @ 2001 BY DAKT AEROSPACE LTD
(14) COLARES SERVING SE 2013 -07-02 AJS COMPLETE REFORMAT, ADDED T8610 & T6611.
ADDED MAY 6483, ASTAN B210 & ASTM B24
ADDED MAYERILL TOLERANCE
ADD GG-A-2008 & GG-A-2266 TITLE 6061-T6 TUBING TITI-AJS DATE 13.06.12 DRAWN CHECKED MFG. APPR. APPROVED DE APPR. - gaga -REV. EG. 3/8" OD X 0.058 WALL = M8061T6T0.375W0.058 WW-T-700/6
OR GO-A-200/8 OR GO-A-226/8
OR AMS 4080 OR 6/MS 4082 OR ASTM B2410 OR ASTM B241 PURCHASE MATERIAL 6061-TOT) 2710510715511 SEAMLESS TUBING WHERE "D.DDD" » OD IN INCHES T.TTT" « WALL THICKNESS M6061T6T D.DDDIWT.TTT PER ANSI H352 **(** MATERIAL TOLERANCE: SPECIFICATION: PART NUMBER: ۵ O

MATERIAL: MGOG	16	10	375 W	058		PO / BATCH	NO .: 10040	106/509270
DATE: 18/07/1	7			_				
MATERIAL CERT REC'D:				_	THIC	KNESS ORDE	RED: 0.37	75"
QUANTITY RECEIVED: 1201					THIC	KNESS RECEI	VED: 0-3	ろ "
QUANTITY INSPECTED: /20				_		T SIZE ORDE		
QUANTITY REJECTED:				_		T SIZE RECEI	_	
QUANTITY REJECTED.				_	SHEE	1 SIZE RECEI	VED	
	N/		1					
DESCRIPTION		CR leck				COMMENTAL	TC	
DESCRIPTION		(N)				COMMEN.	15	
SUBSACE DAMAGE	1/	-						
SURFACE DAMAGE CORRECT FINISH	Y	N	1					
CORROSION	V	N						
CORRECT GRAIN DIRECTION	8	N				-		
CORRECT MATERIAL PER M-DRAWING	8	N	Ams	4081				
CORRECT THICKNESS	N	N	AFT	101-				
PHOTO REQUIRED	Ý	N						
CORRECT REF # TO LINK CERT	R	N	MT.	F002	20254	0001		
CORRECT MATERIAL IDENTFICATION	(0)	N			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7001		
CORRECT M# ON THE MATERIAL	Y	N						
DOES THIS MATERIAL REQUIRE								
ENGINEERING SIGN OFF	Y	N						
DOES THIS REQUIRE AN								
EXTRUSION REPORT	Υ	N	<u> </u>	*****				
CUT SAMPLE PIEC	E 0E	NAA"	TEDIAL	AND DD	EEODI	A A LIADDNE	CC CLIECK	
COT SAMPLE PIECE				SULTS I			SS CHECK.	
			HRC	T HF		DUR A	DUR D	WEBSTER
TYPE OF MATERIAL			1110	1 11	,D	DOILY	DOND	WEDSTER
SIZE OF TEST SAMPLE				1				
HARDNESS / DUROMETER READI	NG							
		sters	located in	n the Qua	lity Offic	e		
						_		
DE 48 WORESTICH						-500	THE STATE OF THE S	
QC 18 INSPECTION						ENGINEER	RING SIGNOR	F (if required)
INSPECTED BY:					SIGN	IED OFF BY:		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

DATE:





http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CUSTOMER PO NUMBER	: CUSTO	DMER PART NUMBER:	PRODUCT DESCRIPTION	N:				
M49388916-1	4280	7	Drawn Seamless	Tube/Pipe				
KAISER ORDER NUMBER	LINE ITEM:	SHIP DATE:	KAISER LOT NUMBER:	ALLOY:	TEMPER:			
226020	001	05/18/2018	F00269835	6061	T6			
WEIGHT SHIPPED:	QUANTITY:	B/L NUMBER:	DIAM/DAF/THKNS:	WIDTH:	LENGTH:			
332.000 LB	187.000 PCS	229660			12.000 FT			
SHIP TO:		SOLD TO:	SOLD TO:					
TW METALS INC 235 WEST TUBEV CAROL STREAM,			TW METALS INC 760 CONSTITUTI SUITE 204 EXTON, PA 1934					

Actual Physical Properties

REFERENCE I	ASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON% IACS	BEND
F00269835	0001	0001	45.9	39.2	20.5	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
D21416	.60	.28	.23	.05	.95	.10	.06	.03	.00	.00	.00	.01	.02

Applicable Requirements:

Description: OD: 0.7500"; Wall: 0.0580"; Round @ AMS4080P AMS-WW-T-700/6C ASTM B210-12 WW-T-700/6F WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS4082P, WAS NOT OILED. This Product Complies to FAR BAA, DFARS BAA, FAR TAA COMPLIES TO DIN EN 10204 JAN 2005 No Weld Repair. Mercury Free.



Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT- SUPPLIES), DFARS BAA
(DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5
TRADE AGREEMENTS).

Plant Serial: 00028353 Kaiser Order Number: 226020





http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CERTIFICATION

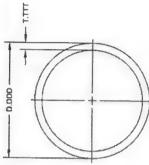
Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms &conditions of sale. Test reports are on file subject to examination.

Hans Kattentidt, Quality Manager

TW METALS
TERMAY 2 4 2018 OF TERMAY 2 A 2018 OF TERMAN ACCEPTED BY

Plant Serial: 00028353 Kaiser Order Number: 226020

NELEASED 2013 -07-02



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	T.T.T	
1		
	1	1
- 0000 -	-	 }
		/

O

B ADD QQ-A-200/8 & QQ-A-225/8 A NEW ISSUE	400		13.06.12
	ONE & CICHA-225/8	රී	04.01.23
/SG/		SC	01 08.21
NEV.	DESCRIPTION	BY	DATE
DESIGN A	AJS DART AFROSPACE I TO	ACE	1
DRAWN A	AJS HAWKESBURY, ONTARIO, CAHADA	NO. CANA	1 4
CHECKED	DRAWING NO.		REV C
MFG. APPR. /	M6061T6T	S	SHEET 1 OF 1
VPPROVED /	me		SCALE
DE APPR	6061-T6 TUBING		NTS
DATE 13,06,12	COPYRIGHT © 2001	EROBRACE or he partern	IY DART AEROSPACE LTD

WW-T-700/8
OR QC-A-200/8 OR QC-A-226/8
OR AMS 4080 OR/AMS 4082 DR AMS 4083
OR ASTM 8210 OR/ASTM B241 M6061T6T D.DDDIWIT.TTT SPECIFICATION: PART NUMBER:

PURCHASE MATERIAL (6061-76) 62/765/105511 SEAMLESS TUBING

WHERE "D.DDD" = OD IN INCHES "T.TT" = WALL THICKNESS

EG. 3/8" OD X 0.058 WALL = M8061T6T0.375W0.058 PER ANSI H35.2 C

MATERIAL TOLERANCE:

O

Q

MATERIAL: M/ 06 DATE: 18/07/	170	, To	7500	J.0.58		PO / BATCH	NO.: 60040	406/509 270
MATERIAL CERT REC'D: Yes					THI	CKNESS ORDE	RED: 0-75	0 "
QUANTITY RECEIVED: 48'						KNESS RECEI		
QUANTITY INSPECTED: 48				_		ET SIZE ORDE		
QUANTITY REJECTED:				_		ET SIZE RECEI		
<u> </u>				_			V loss for a	
	NO	CR						
DESCRIPTION		eck				COMMEN.	TS	
	,	N)						
SURFACE DAMAGE		(1)						
CORRECT FINISH	8	N						
CORROSION	Y							
CORRECT GRAIN DIRECTION	8	N						
CORRECT MATERIAL PER M-DRAWING	8	N	Ams	4082				
CORRECT THICKNESS	8	N						
PHOTO REQUIRED	Y	8						
CORRECT REF # TO LINK CERT	0	N	M1:	F00269	935	0001		
CORRECT MATERIAL IDENTFICATION		N						
CORRECT M# ON THE MATERIAL	(A)	N						
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	(0)						
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ							
CUT SAMPLE PIECE							SS CHECK.	
	F	,		SULTS E				
TVDE OF MATERIAL			HRC	HF	B	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL								
SIZE OF TEST SAMPLE HARDNESS / DUROMETER READII	NC			-				
HARDINESS / DUROWETER READII			I = = 4 = -1 :	- 4b - Court	14. 000			
	<u>re</u>	esters	<u>iocated i</u>	n the Qual	ity Offi	<u>ce</u>		
QC 18 INSPECTION						ENGINEER	RING SIGNOF	FF (if required)
INSPECTED BY:					SIG	NED OFF BY:		
DATE: /8/67/17						DATE:		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



ARCONIC FORGING AND EXTRUSIONS

3131 East Main Street Lafayette Operations Lafayette, IN 47905-7500

Cert Print Date

Cert Number AEP1760255

Certified Inspection Report

07-JUN-18

07-JUN-18

49386800-001 / ITEM 45936

191

Š.

1000873303

Date Shipped

Quantity Shipped

81-NOI-70

LB

Customer P/O

Sales Order Number

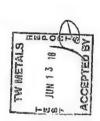
Arconic, Inc.

Invoice To Customer TW METALS INC

-THE ARBORETUM SUITE 204 760 CONSTITUTION DR EXTON, PA - 19341

Ship To Customer

235 W. TUBEWAY CAROL STREAM, IL - 60188 TW METALS INC



L1/1/21

12

MEDDE ITETS

MMS1440 REV A

AS9100 REV D

Customer Part No

11764972

Lices HS le

Marking CONTINUOUS; Oiling N WW-T-700/6 REV F, AM2, NOTI ASTMB210/REV 12 CP49-7.4.2-005 REV 9

Item No. Rev

Delivery ID

2375146

B/L 494

G03346527 Item No.

ASTM 8210

Drawn Tube by Section SECT T-1095 (1.000 x 1.000 x 0.065)

144 JN LN 60617 TB

Item Description

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on THE MATERIAL FOR THIS ORDER WAS MELTED AND MANUFACTURED IN USA. this certified inspection report. Remainder is Aluminum. CAST/JOB NUMBER: 1806-M71/25391932 OCR - .156 Notes

Signature And Title

07-JUN-18

Melissa Griffith Quality Control Manager

Legal Statement

inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, Assurance Dept.

Weight NON Quantities per Lot / Packages

Mg 0.8 245 Net Mn Gross 265 269 0.15 Cu PCS PCS Quantity 92 77 Fe Lot Number S 0.40 Composition Limits Wt % Package Number G17-PKG897050 G17-PKG897052 Min Alloy 1909

Others Total	***	0.15
Others Each	1	0.05
Wt %	Min	Max
Alloy	6061	1000

0.15 Ξ

Zn 0.25

0.04 Ç

1.2

0.15

0.40

0.7

0.8

Max

seition Reculte 5

Composition Aesuns				•				
Heat / Cast / Lot Number	Si	Fe	Cu	Mn	Mg	Ċ	Zn	Ti
1806-M71	9.0	0.27	0.28	0.03	6.0	90:00	0.01	0.02

ARCONIC FORGING AND EXTRUSIONS
Lafayette Operations
3131 East Main Street
Lafayette, IN
47905-7500

Certified Inspection Report	lnsp	ectio	in Report		
				Cert Number	Page
				AEP1760255	272
Sales Order Number	ber		Customer P/O		Cert Print Date
	Line				
1000873303	No.	1.91	16.1 49386800-001 / ITEM 45936	07-JUN-18	07-JUN-18

ARCONIC

	Others Total	n e	
	Others Each	8.6	
Composition results	. Heat / Cast / Lot Number	1806-M71	

Mechanical

Test Results Property -

Test Type UTS · L EL 4D-Long	UOM KSI FCT	# of Tests	Piece / Test ID Results Results Results	42.9
			Lot Number	25391932
			Test Temper	T6

Test Limits Other.

Dimensional			Max	008
Dimer			Min	d
Test Type	DOM	" of Tests	Lot Number	SPEC LIMITS
			Test Temper	T6

Test Results Other-

Dimensional			Results	d
Test Type	пом	# of Tests	Lot Number	25391932
			Test Temper	T6

Cert Notes

Made in USA

The test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate.

The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.



NW METALS





DESIGN	DRAWN BY	DART AEROSPA HAWKESBURY, ONTARIO,		
CHECKED	APPROVED	DRAWING NO. M606176TS	SHEET _!	TA -
DATE 01.0	9.74	TITLE 6061-TO SQUARE TUBIN	G	TALE
A	0101.24	NEW ISSUE		<u> </u>

PURCHASE MATERIAL:

6061-T6 (OR 6061-T651/T6510/T6511/T62) SQUARE THEIRS TER AMC- UQ-A-225/8 (OR AMS 4117/4128/4115/4116) IN TER AMY- OQ-A-200/8 (OR AMS 4160)

PART NUMBER:

M6061T6TS A.AAA WI. TTT WHERE ALAAA = WIDTH IN INCHES .TIT " WALL THICKNESS IN INCHES

EG. 0.75" x 0.75" x 0.062" WALL = MEOGITETS 0.750 W.062



MATERIAL: MGOL DATE: (8/0	7/1	75i.	000W,065		PO / BATCH	NO.: POD	10406/509270
MATERIAL CERT REC'D: Ves				THI	CKNESS ORDE	RED: 1.0	00 ¹¹
QUANTITY RECEIVED: 36'				THI	CKNESS RECEI	VED: / 60	et .
QUANTITY INSPECTED: 361					ET SIZE ORDEI		
QUANTITY REJECTED:					ET SIZE RECEI		
							
DESCRIPTION	(CF	CR neck (N)			COMMENT	rs	
SURFACE DAMAGE	Y	(N)					
CORRECT FINISH	(Y)	N					
CORROSION	Y	ON					
CORRECT GRAIN DIRECTION	8	N	4				
CORRECT MATERIAL PER M-DRAWING	(1)	N	ASTM	B210			
CORRECT THICKNESS	(Y)	N					
PHOTO REQUIRED	X						
CORRECT REF # TO LINK CERT	1 (X	N	H1:25	391932			
CORRECT MATERIAL IDENTFICATION	1W	N					
CORRECT M# ON THE MATERIAL	V	N					
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	(R)					
DOES THIS REQUIRE AN							
EXTRUSION REPORT	Υ	(N)				-	
CUT SAMPLE PIEC	E OF	MAT	TERIAL AN	D PREFOR	M A HARDNES	SS CHECK.	
	F		ORD RESU				
TYPE OF MATERIAL			HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL SIZE OF TEST SAMPLE							
	NIC						
HARDNESS / DUROMETER READI							
	<u>te</u>	esters	located in th	e Quality Offi	<u>ce</u>		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

INSPECTED BY: ______ SIGNED OFF BY: _____

DATE:





http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CUSTOMER PO NUMBER:	cus	TOMER PART NUMBER:	PRODUCT DESCRIPTION	ON:					
M49383924-1	43		Drawn Seamless	Drawn Seamless Tube/Pipe					
KAISER ORDER NUMBER:	LINE ITEM:	SHIP DATE:	KAISER LOT NUMBER:		TEMPER:				
225274	001	03/05/2018	F00263075	6061	T6				
WEIGHT SHIPPED:	QUANTITY:	B/L NUMBER:	DIAM/DAP/THKNS:	WIDTH:	LENGTH:				
422.000 LB	283.000 PCS	228744			12.000 FT				
SHIP TO:			SOLD TO:						
TW METALS INC 27 ENGLEHARD DI EXIT 8A OFF NJ TF MONROE TWP, NJ	PK		TW METALS INC 760 CONSTITUTI SUITE 204 EXTON, PA 1934	ION DRIVE					

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON%IACS	BEND
£00263075	0001	0001	47.8	41.2	20.0	N/A	N/A	N/A
F00263075	0001	0002	48.2	42.5	20.5	N/A	N/A	N/A
F00263075	0002	0001	48.5	42.3	21.5	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

		Ea	Zr	Bi	Pb	Ti	Zn	Cr	Mg	Mn	Cu	Fe	Si	LIMITS
0.00	.05 0.1	0.00	NA	NA NA	NA	0.00	0.00	0.04	0.80	0.00	0.15	0.00	0.40	Maximum Minimum
)	.00	0.00	NA	NA	NA	0.00	0.00	0.04	0.80	0.00	0.15	0.00	0.40	

Applicable Requirements:

Description: OD: 1.0000"; Wall: 0.0350"; Round @ AMS4082P AMS-WW-T-700/6C ASTM B210-12 WW-T-700/6F WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS4082P, WAS NOT OILED. This Product Complies to FAR BAA, DFARS BAA, FAR TAA COMPLIES TO DIN EN 10204 JAN 2005 No Weld Repair. Mercury Free.



Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT- SUPPLIES), DFARS BAA
(DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5
TRADE AGREEMENTS).

Plant Serial: 00027597 Kaiser Order Number: 225274





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KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms &conditions of sale. Test reports are on file subject to examination.

Hans Kattentidt, Quality Manager

1100

Plant Serial: 00027597 Kaiser Order Number: 225274

Ω O 6 REV. C SHEET 1 OF 1 SCALE NTS OP 04.01.23 DS 01.08.21 BY DATE 13.06.12 TO TO THE CONTRIBUTION OF DART AEROSPACE LTD
HAWKESBURY, OHTARO, CANADA
DRAWING NO.
REA
M6061161
SHEET 14 Z013 -07- 02 AJS. COMPLETE REFORMAT, ADDED T8510 & T3511.
ADDED AMS 403. ASTM B210 & ASTM B241
ADDED MATERIAL TOLERANCE
ADD CQA-72008 & QQA-2558
NEW ISSUE 6061-T6 TUBING DESCRIPTION T.T.T DATE 13.06.12 DRAWN CHECKED MFG. APPR. - DODD -O EG. 3/8" OD X 0.058 WALL = M6061T6T0.375W0.058 WW-T-700/9 OR QC-A-200/9 OR QC-A-225/9 OR AMS 4090 OR/AMS 4082 OR ASTA B210 OR ASSTA B241 PURCHASE MATERIAL 6001-TOT62/10510/T0511 SEAMLESS TUBING WHERE 'D.DDD" = OD IN INCHES M608176TD.DDDIWIT.TTT PER ANSI H35.2 MATERIAL TOLERANCE: SPECIFICATION: PART NUMBER: ۵ O

MATERIAL CERT REC'D: Yes				-	EL IIOIA	1500 0000	, "	
QUANTITY RECEIVED: 12				_		VESS ORDI	11/	
QUANTITY INSPECTED: 121				-		IESS RECE		
QUANTITY REJECTED:	_			_		SIZE ORDE		
QUANTITY RESECTED.				_	HEET	SIZE RECE	IVED:	
		CR						
DESCRIPTION	1 '	neck				COMMEN	TS	
STIDEACE DAMAGE	Υ,	/N)						
SURFACE DAMAGE CORRECT FINISH	Ø	N						
CORROSION	Y	(N)						
CORRECT GRAIN DIRECTION	(Y)	N						
ORRECT MATERIAL PER M-DRAWING	W/	N	AM	14081				
CORRECT THICKNESS	(Y)	N		100 -				
PHOTO REQUIRED	Y	W						
CORRECT REF # TO LINK CERT	(1)	N	MT:	-002630	75 00	01		
PRECT MATERIAL IDENTFICATION	(Y)	N						
CORRECT M# ON THE MATERIAL DOES THIS MATERIAL REQUIRE	Ø	N						
ENGINEERING SIGN OFF	Υ	(N)						
DOES THIS REQUIRE AN								
EXTRUSION REPORT	Υ	(N						
CUT SAMPLE PIECE	OF	ΜΔΤ	EDIAL A	ND PREE		LIADDNE	20 CHECK	
00.0,1111 22.11202	- O1 F	RECO	ORD RES	SULTS BEL	UW JKIVI A	HARDINE	SS CHECK.	
			HRC	HRB		DUR A	DUR D	WEBSTER
PE OF MATERIAL								VEBOTEK
ZE OF TEST SAMPLE	J							
RDNESS / DUROMETER READIN								
	<u>te</u>	sters	located in	the Quality C	Office			
18 INSPECTION					E	NGINEER	RING SIGNOR	F (if required
Manager 1								, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
INSPECTED BY: M				SI	GNED	OFF BY:		
10.								

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in





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KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CUSTOMER PO NUMBE	₹:	CUSTOMER PART NUMBER:	PRODUCT DESCRIPTIO	N:					
M49387366-1		42891	Drawn Seamless	Drawn Seamless Tube/Pipe					
KAISER ORDER NUMBE	R: LINE ITEM:	SHIP DATE:	KAISER LOT NUMBER:	ALLOY:	TEMPER:				
225794	001	04/25/2018	F00267223	6061	T6)				
WEIGHT SHIPPED:	QUANTITY:	B/L NUMBER:	DIAM/DAF/THKNS;	WIDTH:	LENGTH:				
3127.000 LB	901.000 P	CS 229377			12.000 FT				
SHIP TO:			SOLD TO:						
TW METALS INC 235 WEST TUBE\ CAROL STREAM,			TW METALS INC 760 CONSTITUTI SUITE 204 EXTON, PA 1934	ON DRIVE					

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON%IACS	BEND
F00267223	0001	0001	48.9	42.2	22.0	N/A	N/A	N/A
F00267223	(0002)	0001	47.2	41.0	21.5	N/A	N/A	N/A
F00267223	0003	0001	47.1	40.9	21.5	N/A	_ N/A _	N/A
F00267223	0004	0001	48.1	40.8	22.0	N/A	N/A	N/A
F00267223	0005	0001	47.9	41.1	20.0	N/A	· N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
D20789	.59	.25	.22	.05	.99	.05	.05	.02	.00	.00	.00	.01	.02

Applicable Requirements:

Description: OD: 0.7500"; Wall: 0.1250"; Round @ AMS4082P AMS-WW-T-700/6C ASTM B210-12 WW-T-700/6F WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS4082P, WAS NOT OILED. This Product Complies to FAR BAA, DFARS BAA, FAR TAA COMPLIES TO DIN EN 10204 JAN 2005 No Weld Repair. Mercury Free.



Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT- SUPPLIES), DFARS BAA
(DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5
TRADE AGREEMENTS).

Plant Serial: 00028095 Kaiser Order Number: 225794

Line Item: 001

Page 1 of 2





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KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms &conditions of sale. Test reports are on file subject to examination.

Hans Kattentidt, Quality Manager



Plant Serial: 00028095 Kaiser Order Number: 225794

۵ O SCALE 13.06.12 COPYRG CHT 6 2001 BY DACT AEROSPACE LTD find cocarion is represented the cocarion is represented to correct the control of cocarion in the control of control of cocarion occarion occario ELEASE Z013 -07-02 AJIS COMPLETE REFORMAT. ADDED T0510 & T0511.
ADDED MAYERS, ASTIN R210 & ASTIN R241
ADDED MAYERIAL TOLERANCE
ADD GG-A-206/8 & GG-A-225/8 TITLE 6061-T6 TUBING TITI -AJS DATE 13.06.12 NEW ISSUE DRAWN CHECKED MFG. APPR. APPROVED DE APPR. - DODD -0 EG. 3/8" OD X 0.058 WALL = M8061T6T0.375W0.058 WW-T-700/9 OR QQ-A-200/9 OR QQ-A-225/8 OR AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR ASTM B241 PURCHASE MATERIAL: 6061-T&T62/T6510/T6511 SEAMLESS TUBING WHERE "D.DDD" = OD IN INCHES "T.TTT" = WALL THICKNESS M606176TD.DDDDWT.TTT PER ANSI H352 C MATERIAL TOLERANCE: SPECIFICATION: PART NUMBER: ٥ O m ≪

MATERIAL CERT REC'D:					THIC	KNESS ORDS	ERED: _0.7;	Eal!	
QUANTITY RECEIVED: (2)									
QUANTITY INSPECTED: (1)				SHEET SIZE ORDERED:					
QUANTITY REJECTED:					SHEE	T SIZE ORDE	RED:		
DESCRIPTION		CR neck		-		COMMEN	TS		
	Υ,	/N)							
SURFACE DAMAGE		(N)							
CORRECT FINISH	(V)	N							
CORROSION CORRECT GRAIN DIRECTION	Y	(W)							
CORRECT MATERIAL PER M-DRAWING	8	N	Amsy	(9)					
CORRECT THICKNESS	0	N	41134	002					
PHOTO REQUIRED	Y								
CORRECT REF # TO LINK CERT	(Y)	N	M: F	0036	7.2	13 0002			
DRRECT MATERIAL IDENTFICATION	(X)	N		0000	, ,	-3 0002			
CORRECT M# ON THE MATERIAL	M	N							
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	3							
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ								
CLIT CAMPLE DIFFOR	- 05								
CUT SAMPLE PIECE	: OF	WAT RECO	RD RESUL	TS REI	ORIV	I A HARDNE	SS CHECK.		
			HRC I	HRB		DUR A	DUR D	WEBSTER	
PE OF MATERIAL							20110	WEBSIER	
ZE OF TEST SAMPLE ARDNESS / DUROMETER READIN									
	VG								

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

DATE:

DATE:





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KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CUSTOMER PO NUMBER:		USTOMER PART NUMBER:	PRODUCT DESCRIPTION	PRODUCT DESCRIPTION:					
M49386278-1	4	2558-144	Drawn Seamless	Drawn Seamless Tube/Pipe					
KAISER ORDER NUMBER: LINE ITEM:		SHIP DATE:	KAISER LOT NUMBER:	ALLOY:	TEMPER:				
225635	001	04/20/2018	F00266049	606)	16)				
WEIGHT SHIPPED:	QUANTITY:	B/L NUMBER:	DIAM/DAF/THKNS:	WIDTH:	LENGTH:				
256.000 LB	159.000 PC	S 229334			12.000 FT				
SHIP TO:	•		SOLD TO:	-					
TW METALS INC 27 ENGLEHARD D EXIT 8A OFF NJ TI MONROE TWP, NJ	PK		TW METALS INC 760 CONSTITUTION DRIVE SUITE 204 EXTON, PA 19341 USA						

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON%IACS	BEND
F00266049	0001	0001	47.9	40.3	21.0	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti.	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
D21417	.60	.27	.23	.05	1.01	.10	.06	.03	.00	.00	.00	.01	. 02

Applicable Requirements:

Description: OD: 0.6250"; Wall: 0.0650"; Round @ AMS4082P AMS-WW-T-700/6C ASTM B210-12 WW-T-700/6F WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS4082P, WAS NOT OILED. This Product Complies to FAR BAA, DFARS BAA, FAR TAA COMPLIES TO DIN EN 10204 JAN 2005
No Weld Repair. Mercury Free.



Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT- SUPPLIES), DFARS BAA
(DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5
TRADE AGREEMENTS).

Plant Serial: 00028036

Kaiser Order Number: 225635





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KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

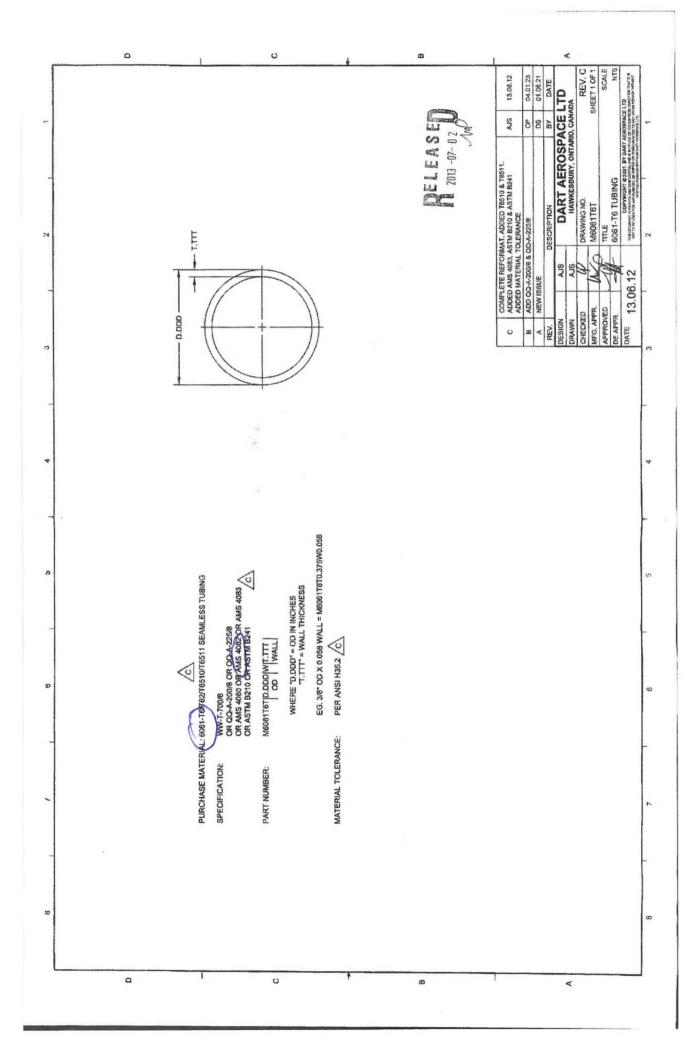
CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms &conditions of sale. Test reports are on file subject to examination.

Hans Kattentidt, Quality Manager

Plant Serial: 00028036

Kaiser Order Number: 225635



MATERIAL: MGOG	17	670	0.625	W. 065	-	PO / BATCH	NO.: 2004	0406/5012708			
DATE: 11/07	17										
MATERIAL CERT REC'D: Ves QUANTITY RECEIVED: 24'			THICKNESS ORDERED: 0.625" THICKNESS RECEIVED: 0.625"								
QUANTITY INSPECTED: 24"					SHEE	ET SIZE ORDER	RED:				
QUANTITY REJECTED:			SHEET SIZE RECEIVED:								
				-							
		NCR									
DESCRIPTION		Check COMMENTS									
		N)									
SURFACE DAMAGE		(1)									
CORRECT FINISH	(0)	N									
CORROSION	Y	(1)									
CORRECT GRAIN DIRECTION	(X)	N	ams	Wass							
CORRECT MATERIAL PER M-DRAWING CORRECT THICKNESS	N N	N	urci	7000							
PHOTO REQUIRED	Y	(N									
CORRECT REF # TO LINK CERT	(N)										
CORRECT MATERIAL IDENTFICATION	-	N	10/4	266	1	aci					
CORRECT M# ON THE MATERIAL	V	N									
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	(N)					100				
DOES THIS REQUIRE AN EXTRUSION REPORT	(3)										
CUT SAMPLE PIECE							SS CHECK.				
		*********		ULTS BE							
TVDE OF MATERIAL			HRC	HRB		DUR A	DUR D	WEBSTER			
TYPE OF MATERIAL SIZE OF TEST SAMPLE							-				
HARDNESS / DUROMETER READ!						-					
TIANDIVEGOT BONOMETEN NEADI		esters	located in	the Quality	Offic						
	-	301010	rocutou m	the quanty	Ome						
					1						
QC 18 INSPECTION						ENGINEER	RING SIGNOF	F (if required)			
INSPECTED BY:					SIGI	NED OFF BY:					
DATE: (8/27/1)	2					DATE.					
DAIL. DIO 1/1		DATE:									

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in